BLU:sens

Web:tv

User Manual

Index

1. 1. SAFETY INFORMATION 8
2. CONTENTS OF THE BOX 16
3. OVERVIEW OF THE DEVICE 17
3.1. Main Features 18
3.2. Main Unit 20
4. INSTALLATION 24
4.1. Basic Configuration 24
4.1.1.Electrical Connection 24
4.1.2.TV Connection 25
4.1.3.TDT Antenna Connection 26
4.1.4.Internet connection via Ethernet 27
4.1.5.Wireless internet connection 29
4.2. Advanced configuration 31
4.2.1.Digital audio connection 31
4.2.2.Network configuration 32
4.2.2.1.Internet connection via Ethernet cable 33

4.2.2.2.Wireless internet connection 36
4.2.3.Language settings 40
4.2.4.Output configuration 40
4.2.5.Restore factory settings 41
4.2.6.Firmware update 42
4.2.7.Information 43
5. STARTING UP 44
5.1. To turn Web:tv on/off 44
5.1.1.Standby configuration via Web 44
5.2. Basic Operations with the remote control 47
5.3. Updating Web:TV 48
5.4. MAIN MENU 49
6. DTV 51
6.1. DTV TV 51
6.1.1.Configuration 51
6.1.1.1.Search Channels 52
6.1.1.1.1.Sort Channels 53
6.1.1.2.Add Channels 55
6.1.2.Watch DTV TV 56

6.1.2.1.Remote Control Options.....57
6.1.2.2.Shortcut Menu options.....58
6.1.3.Program Guide 60
6.1.4.Timeshift 62
6.1.5.Recording 64
6.1.5.1.Direct Recording 64
6.1.5.1.1.From the remote control.....64
6.1.5.1.2.From the shortcut menu 65
6.1.5.2.Scheduled Recording 66
6.1.5.2.1.Scheduled from jobs 66
6.1.5.2.2.Scheduled from the Program Guide. 69
6.1.5.3.Viewing a Recording.....70
6.2. DTV Radio 72
6.2.1.Configuration 72
6.2.1.1.Search Channels 72
6.2.1.2.Sort Channels.....73
6.2.1.3.Add Channels 75
6.2.2.Escuchar Radio TDT.....76
6.2.2.1.Remote Control Options.....77

6.2.2.2.Shortcut Menu Options 78
6.2.3.Timeshift 80
6.2.4.Recording 81
6.2.4.1.Direct Recording 82
6.2.4.1.1.From the remote control 82
6.2.4.1.2.From the shortcut menu 83
6.2.4.2.Scheduled Recording 84
6.2.4.2.1.Scheduled from Jobs 84
6.2.4.3.Playing a Recording 87
7. MULTIMEDIA PLAYBACK 89
7.1. Audio Playback 89
7.1.1.Shortcut menu 90
7.1.2.Remote Control 91
7.2. Video Playback 92
7.2.1.Shortcut menu 93
7.2.2.Remote Control 95
7.3. Viewing Photos 96
7.3.1.Menu Contextual 97
7.3.2.Remote Control 98

8. USB....99
8.1. Access, Navigation, Options....99
9. LOCAL NETWORK....102
9.1. Multimedia Client /Samba/NFS....102
9.2. Acceso, navegación y opciones....102
10. NETWORK SERVICES....106
10.1.Multimedia Server....106
10.2.Samba Server....107
10.3.NFS Server....107
10.4.LiveTV....108
10.5.Web Interface....112
11. INTERNET....116
11.1.Web Browser....116
11.2.Blusens TV....120
11.3.Internet TV....121
11.4.Internet Radio....125
11.5.Favorites....129
11.6.Add URL....130
11.7.Community....130

11.8.Blusens News 132
11.9.Search internet channels (TV/Radio)..... 133
12. APLICACIONES 134
12.1.Snake..... 135
12.2.State Lotteries and Betting..... 135
12.3.News Readers 136
12.4.Weather 137
12.5.Mail App (electronic mail) 138
12.6.Blusens Store..... 142
13. VIDEOCLUB 143
14. FIRMWARE UPDATE..... 148
14.1.Automatic update 149
14.2.Update from USB 150
15. MENU CONTEXTUAL..... 152
16. TROUBLESHOOTING..... 156
17. SPECIFICATIONS..... 158

1. SAFETY INFORMATION

PRECAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK DO NOT REMOVE COVER (OR BACK PANEL). NO USER MANAGEABLE ELEMENTS INSIDE. CONTACT QUALIFIED PERSONNEL.

This symbol is intended to alert the user to the presence of hazardous voltages which lack insulation, which may be of sufficient magnitude to constitute a risk of electric shock to persons.

This symbol is intended to alert the user about the existence of important operating and maintenance information in the manual accompanying the appliance.

WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

PRECAUTION: Using controls or adjustments or using processes other than those specified herein may result in hazardous radiation exposure.

Please study this manual carefully and keep it handy. However, there are some installation and operation precautions to keep in mind:

1. READ THE INSTRUCTIONS: All safety and operating instructions should be read before operating the product.
2. KEEP THE INSTRUCTIONS: The safety and operating instructions should be retained for future reference.
3. HEED THE INSTRUCTIONS: All warnings on the product and the operating instructions should be heeded.
4. FOLLOW THE INSTRUCTIONS: All instructions for use and operation should be followed.

5. CLEANING: Unplug the product from the wall outlet before cleaning. Do not use liquid or aerosol cleaners. Use a damp cloth for cleaning.

6. CONNECTION: Do not use connectors which are not recommended by the manufacturer as they may cause damage.

7. WATER AND MOISTURE: Do not use this product near water - for example, near a bathtub, sink or drain - in a wet basement or near a swimming pool or the like.

8. VENTILATION: The slots and openings in the cover are arranged for ventilation and to ensure reliable operation of the product and to protect it from overheating, and these openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug or similar surfaces. This product should not be integrated into structures such as shelves or drawers unless you provide adequate ventilation or if the manufacturer's instructions allow.

9. POWER SUPPLY: This product should be connected only to the type of power source indicated on the rear panel. If you are unsure of the type of power in your home, consult your dealer or local power company. For products intended to operate as being powered from batteries or other sources, refer to operating instructions.

10. PROTECTION OF THE POWER CORD: The power cords should be placed in a way that they cannot easily be stepped on or trapped by objects on or against them, paying particular attention to cords in plugs, connectors and the place where they exit the product.

11. PLUG CONNECTOR: The product is equipped with a plug connector with overload protection. This is a safety feature. If substitution is required, make sure the technical service has used a replacement plug specified by the manufacturer with the same overload protection as the original plug.

12. GROUNDING OF OUTDOOR ANTENNA: If an outside antenna or cable system is connected to the product, make sure the antenna or cable are grounded to provide protection against voltage surges or static charges. Article 810 of the NEC (National Electrical Code) ANSI/NFPA 70 provides information regarding proper grounding of the mast and structure, the guide wire to an antenna discharge unit, size of grounding conductors, location of antenna discharge unit, connection to grounding electrodes and requirements for the grounding electrode. See the image below:

13. LIGHTNING: For added protection of the product during a lightning storm or when not being used for a long period of time, unplug the product from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the product due to lightning and power surges.

14. POWER LINES: An outside antenna system should not be placed near power lines or other electric light or

power circuits or where it can fall into such power lines or circuits. When installing an outside antenna system, take extreme care to avoid contact with such power lines or circuits as contact with them might be fatal.

15. OVERLOAD: Do not overload wall outlets, extenders or connectors as this may harbor a risk of fire or electric shock.

16. ENTRY OF OBJECTS OR LIQUIDS: Never insert objects of any kind into the product through the openings as they may touch dangerous voltage points or short out parts that could cause fire or electric shock. Never spill liquid on the product.

17. REPAIR: Do not attempt to repair this product yourself as opening or removing covers may expose you to dangerous voltages or other hazards. Leave all servicing to qualified service personnel.

18. DAMAGES REQUIRING REPAIR: Unplug the product from the wall outlet and refer to qualified personnel in the following cases:

- When the power cord or plug is damaged.
- If liquid has been spilled or objects have fallen into the product.
- If the product has been exposed to rain or water.
- If the product does not operate normally by following the operating instructions. Adjust only the controls covered by the operating instructions as an improper adjustment of other controls may result in damage and often requires hard work by a qualified technician to restore the product to normal operation.
- If the product has been hit or otherwise damaged.
- When the product exhibits a change in performance. This indicates the need for repair.

19. SPARE PARTS: When you need spare parts, make sure the technical service uses spare parts specified by the manufacturer or with the same characteristics as the original. Unauthorized substitutions may result in fire or other damages.

20. SAFETY CHECK: To complete any repair of the product, ask the technical service to perform safety checks to ensure that the product works properly.

21. HEAT: The product should be situated away from heat sources such as radiators, heat registers, stoves or other products (including amplifiers) that produce heat.

2. CONTENTS OF THE BOX

Web:TV

Ethernet Cable

Remote Control

HDMI Cable

Charger

AV Cable

3. OVERVIEW OF THE DEVICE

Web:tv is a device as small as the palm of the hand that takes the Internet to your television.

A device that allows you to see what you want, whenever and wherever.

Web:tv turns your television into a high-performance device: Wireless, internet TV, HD DTV, USB, HDMI and much more.

It is an advanced high definition multimedia player that can connect over a network to your computer, network devices, USB hard drives, etc...

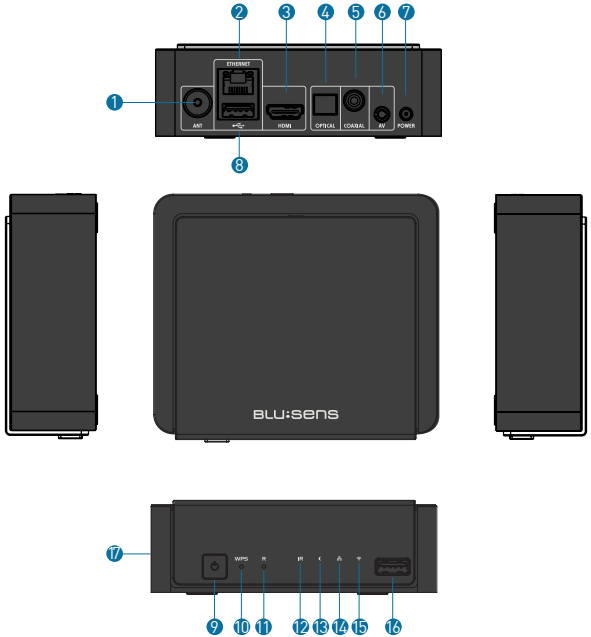
It includes Blusens Online Videoclub, a web browser and external applications.

3.1. Main Features

- Internet TV.
- Videoclub on-line.
- Internet Radio.
- HD 1080p multimedia player.
- High definition DTV tuner.
- Timeshift recorder.
- EPG electronic program guide.
- Web browser.
- Internet Applications (Widgets).
- Email client.
- On-line video streaming.
- Access to the home network (PC, NAS...).
- Multimedia and file server (SAMBA, NFS).
- DTV channel stream server (LiveTV).
- Internal memory for Timeshift support or progressive download (2h in SD or 45 min in HD).
- High-speed 300 Mbits/sec WIFI/n.

- HDMI 1.3
- 2xUSB host for connecting external storage devices.
- Video formats: AVI, MPG/MPEG, VOB, MKV, MP4/MOV, ASF, MPEG ES/PS/TS/M2TS, WMV.
- Audio formats: MP3, WMA, WAV, MKA.
- Image formats: JPEG, GIF, BMP,PNG
- Online update
- Web interface
- Allows file management of USB or LAN devices (move, copy, paste, delete...)

3.2. Main Unit


1
2
3
4
5
6
7
8
ETHERNET
ANT
HDMI
OPTICAL
COAXIAL
AV
POWER
BLU:SENS
17
WPS
9
10
11
12
13
14
15
16

1. RF Antenna Input: RF signal input connection.

2. ETHERNET: Ethernet data connection 10/100.

3. HDMI: Video output connection for HDMI 1.3.

4. OPTICAL: Digital optical audio output.

5. COAXIAL: Digital coaxial audio output.

6. AV: Audio output and composite video connection.

7. POWER: Power input of the device.

8. USB: Rear USB 2.0 port.

9. ON/OFF: On / Off button (Web:TV is on when the LED is lit).

10. WPS: Wps wireless synchronization button.

11. R: Reset button.

12. IR: LED indicator of the remote control reception.

13. Standby: Standby LED indicator (Web:TV is on standby when the LED is lit).

14. Wlan: Wireless status LED (Web:TV is connected when the LED is lit).

15. Ethernet: Ethernet connection status LED (Web:TV is connected when the LED is lit).

16. USB: Front USB 2.0 port.

17. High-speed 300 Mbit/sec WIFI/n antennas

3.3.Remote Control

1. Standby
2. Mute
3. Alphanumeric keypad
4. Record
5. Menu
6. Fast rewind
7. Play/pause/Timeshift
8. Fast forward
9. Back / Previous channel
10. Stop
11. Options / Screen keypad
12. Up/CH+/Next
13. OK
14. Down/CH-/Previous
15. Left/VOL-
16. Right/VOL+
17, 18, 19, 20. Hotkeys.
21. Mode (aspect ratio 16:9/4:3)
22. Direct access to Videoclub

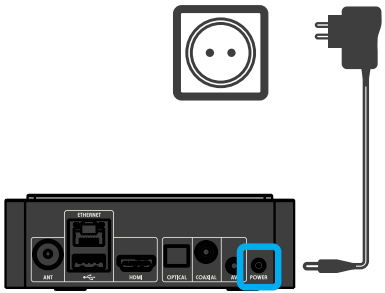
4. INSTALLATION

Make sure you have correctly selected the video source from the television (AV, HDMI, ...) according to the type of connection you select for your WEB:TV.

4.1. Basic Configuration

4.1.1. Electrical Connection

Connect the charger that came with the device to the power outlet and the input source.



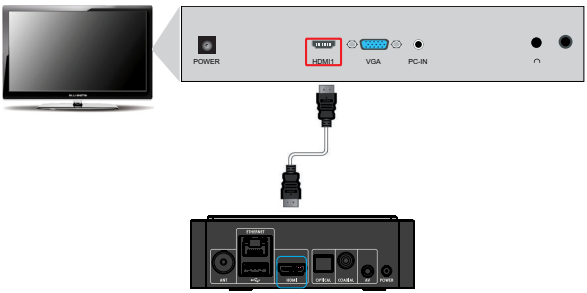
4.1.2. TV Connection

HDMI Output Connection

This connection is the most recommended to operate with your Web:tv system.

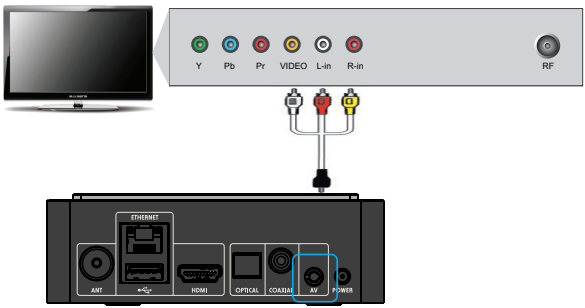
- Connect the HDMI cable to the HDMI output of your Web:tv.

Connect the other end of the HDMI cable to HDMI input on your screen.



AV Output Connection.

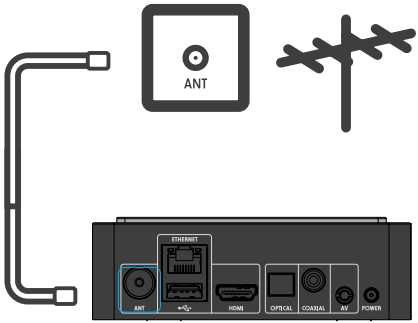
- Alternative to HDMI connection.
- Connect the RCA cable jack to the AV out output of your Web:tv.
- Connect the other end of the cable to the RCA input on your TV (or to the SCART input, using the RCA-SCART adapter).



4.1.3. TDT Antenna Connection

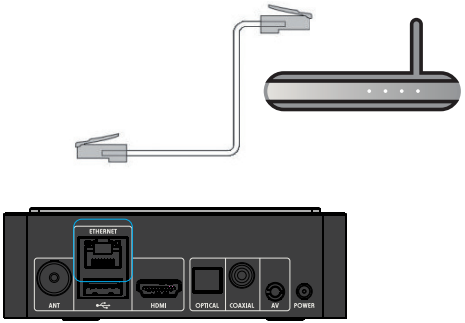
- You must make this connection if you want to tune TDT with your Web:tv system.

- Connect an RF antenna cable (from the wall outlet or laptop) to the ANT input of your Web:tv.



4.1.4. Internet connection via Ethernet

For this mode of connection you need to use a local Ethernet network already installed in your home through an Ethernet Router or the like (Switch, HUB...) Connect one of the pins of the cable to the ETH port of your Web:tv and the other end of the cable to the port of your router, Switch, HUB device...



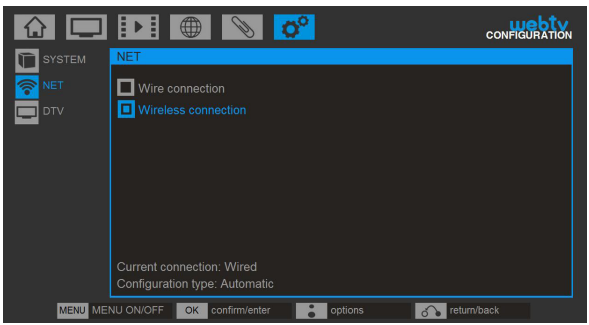
If your router has the DHCP server enabled (enabled by default on most routers), your Web:tv will automatically configure the Internet connection. Otherwise, you must configure the connection manually (see chapter 4.2.2.1 of this manual).

After this, the network will be automatically configured and Web:tv will be ready to surf the Internet.

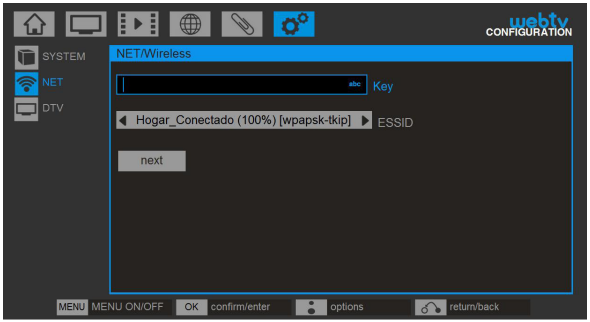
4.1.5. Wireless internet connection

For this mode of connection you need to use a Wireless network already installed in your home via a Wireless Router.

To configure the wireless network of your Web:tv you must access CONFIGURATION/NET and select the wireless connection option.



- In the ESSID field select the wireless network you want to connect to using the left and right arrow keys, and click OK OK.



- Then enter the network key using the alphanumeric keypad of the remote control or the keyboard on the screen (BLUSENS key ⋮) and confirm the operation. Remember that the wireless key is case sensitive.

If your router has the DHCP server enabled (enabled by default on most routers) select AUTOMATIC CONFIGURATION and your Web:tv will automatically configure the Internet connection. Otherwise, you must

configure the connection manually (see chapter 4.2.2.2 of this manual)

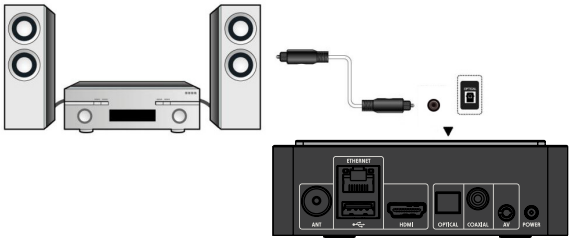
4.2. Advanced configuration

4.2.1. Digital audio connection

This connection will allow you to obtain a digital quality audio output, connecting your Web:tv to your HiFi system.

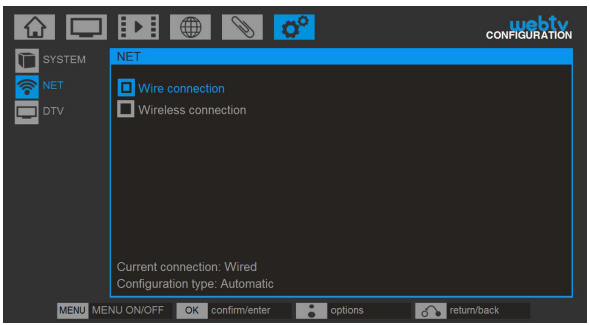
- Connect a S/PDIF coaxial output cable from your Web:tv to your audio system, or,
- Connect the optical cable to the "Optical S/PDIF" output of your Web:tv, and the other end to your audio system.

This connection allows your advanced audio system to decode audio codecs not supported by Web:tv



4.2.2. Network configuration

The NETWORK option of the CONFIGURATION menu allows you to configure your Web:tv connection to the network, offering two possible modes of connection: wired or wireless.



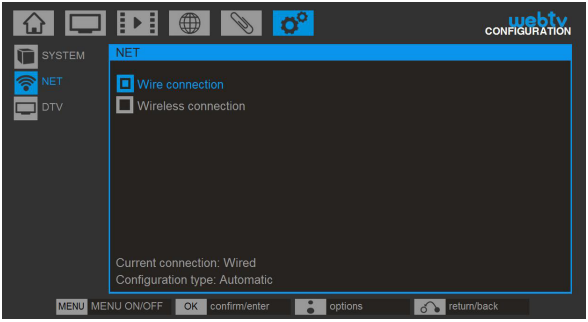
Select one of the following options depending on the type of connection you have.

4.2.2.1.Internet connection via Ethernet cable

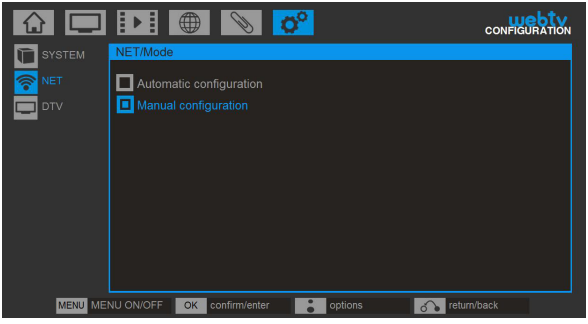
This type of connection lets you connect to a router, access and play multimedia files stored on desktop PCs, laptops and other compatible storage units, and vice versa, without doing any copying or downloading. Additionally this type of connection will allow you output by ADSL or fiber towards the exterior to gain access to multimedia contents located in external servers (for example Videoclub On-line, Internet TV,...) as well as to use Internet applications (for example web browser, news, mail, ...).

To configure the type of cable connection make sure you have connected an ethernet cable to the ETH port of your Web:tv.

- Select the cable connection option.



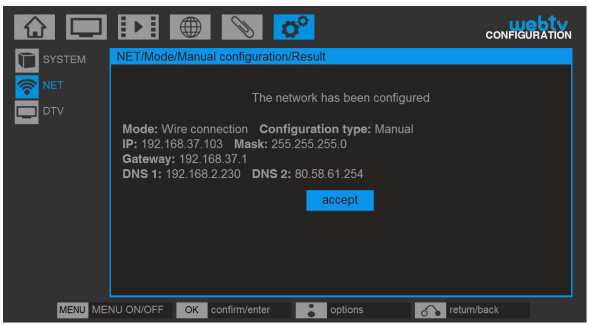
Then select the type of configuration:



Automatic configuration (recommended). Select this option if your router has the DHCP server enabled (enabled by default on most routers). Your Web:tv will automatically configure the Internet connection.

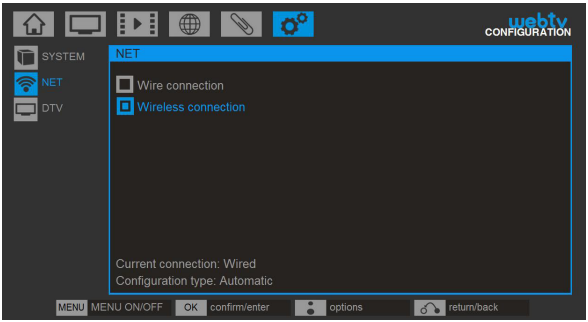
Manual configuration (advanced users). Select this option to configure the network parameters yourself. Manually enter the IP, subnet mask, gateway and DNS.

NOTE: All fields are required. If you only have one DNS you can complete the DNS2 field with the same data as DNS1.



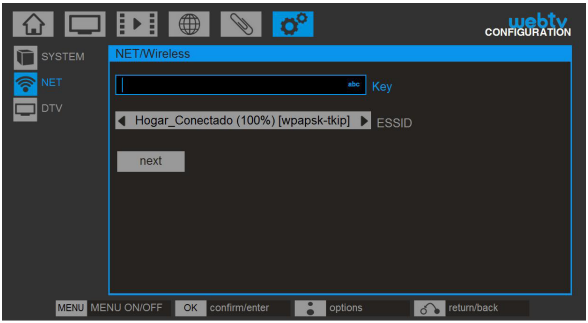
4.2.2.2.Wireless internet connection

Web: tv automatically detects available wireless networks and connects to them after entering the password.



To configure the wireless connection type select WIRELESS CONNECTION.

In the ESSID field select the wifi network you want to connect using the left and right arrow keys, and click OK OK.

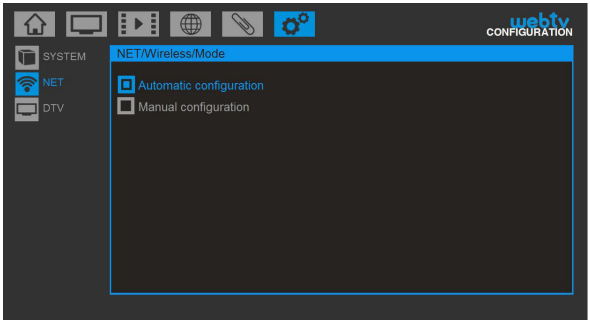


- Then enter the network key using the alphanumeric keypad of the remote control or the keyboard on the screen (BLUSENS key) and confirm the operation. Remember that the wifi key is case sensitive.

NOTE: To switch between lowercase, uppercase and numbers, press the UP key. To delete a character press the LEFT key.

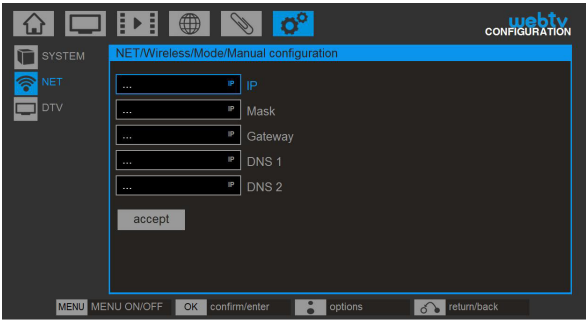
In any type of connection, in case of error in the configuration or wrong key, the system displays a warning.

Then press Next and you will see the two possible:



Automatic configuration (recommended). Select this option if your router has the DHCP server enabled (enabled by default on most routers). Your Web:tv will automatically configure the Internet connection.

Manual configuration (advanced users). Select this option to configure the network parameters yourself. Manually enter the IP, subnet mask, gateway and DNS, password, etc.



NOTE: All fields are required. If you only have one DNS you can complete the DNS2 field with the same data as DNS1.

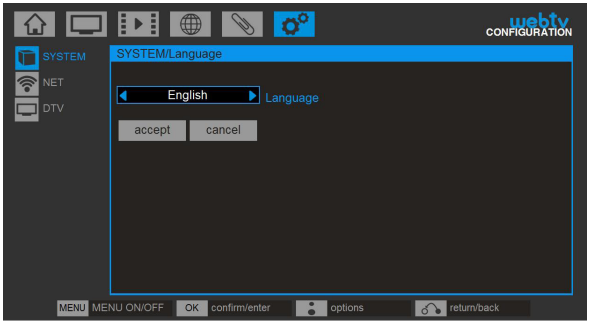
NOTE: To switch between **lowercase, uppercase and numbers**, press the UP key. To **delete** a character press the LEFT key .

In any type of connection, in case of error in the configuration or wrong key, the system displays a warning.

Select CONFIGURATION/SYSTEM to change the following operating system parameters of your Web:tv:

4.2.3. Language settings

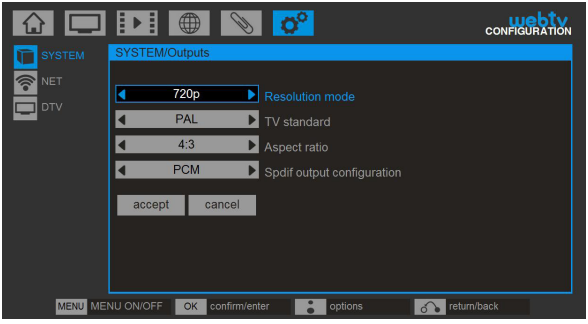
Select the desired language for the system menus from the available options.



4.2.4. Output configuration

Access this option to configure the video and audio output.

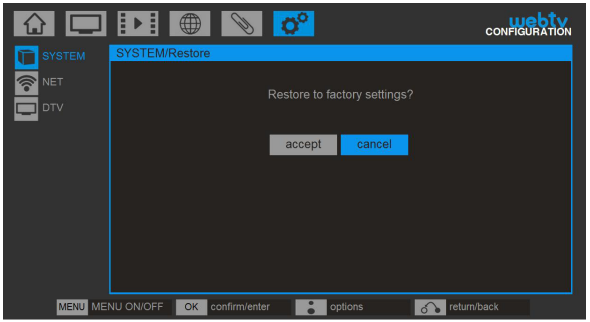
- Resolution mode: Select the most appropriate resolution for your screen.
- Television standard: Select the television input.
- Aspect ratio: Select the most appropriate aspect for your screen, 16:9 or 4:3.
- SPDIF output configuration: Set the desired mode for digital audio output.



4.2.5. Restore factory settings

Select this option to restore the default settings on your system. This operation will erase the channel, date, language, ... configuration but not the recordings

(although if the DVB/FOLDER list will disappear, you must search for the recordings in the "recordings" folder on the hard disk where you have made them).

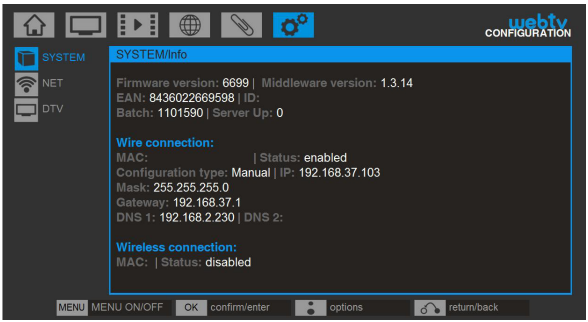


4.2.6. Firmware update

Firmware update (Software) is performed to improve the functions of your Web:tv. Through this process you can check if there is a new firmware version for your system and if you want you can start the firmware update through this section. See Chapter 14. Firmware Update to learn about this mode of update.

4.2.7. Information

Access information on the firmware version installed on your Web:tv, such as network information, etc.



5. STARTING UP

5.1. To turn Web:tv on/off

Pressing the ⏻ button on the device turns Web:tv on and off.

When you press the ⏻ button on the remote control the device will be in Standby mode. At this point the ☾ LED will be lit.

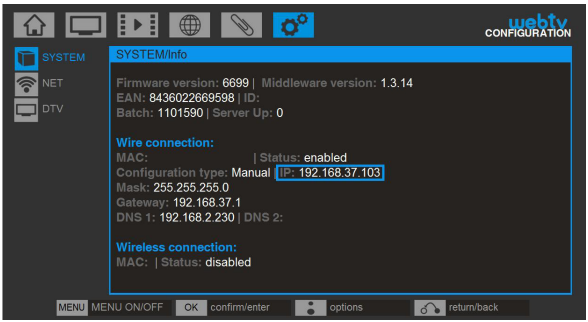
5.1.1. Standby configuration via Web

From a browser on your computer, you can access the web interface of Web:tv and change the Standby mode of the device.

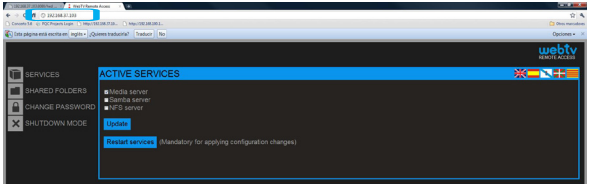
To access the configuration menu of the web interface simply enter the IP address of your Web:tv in

a web browser from the same local network where it is connected to Web:tv.

To find the IP of Web:tv you can access CONFIGURATION/SYSTEM/INFORMATION.

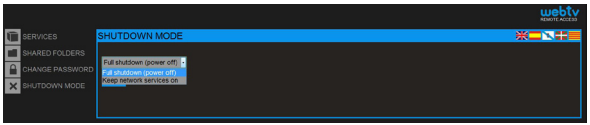


Then access a web browser and type in the IP address bar as shown in the example.



NOTE: The default data for access to the web interface are: User: admin / Password: 1234 (see chapter 10.5). Go to "Shutdown mode" MODO DE APAGADO

To change the standby mode there are two options:



1.Complete shutdown: Web:tv turns off completely when you press ⏻.

2.Powered network services: Web:tv will turn off but the network services will continue to operate.

After selecting you will have to accept to save the changes.

5.2. Basic Operations with the remote control

Use the direction buttons to scroll through the available icons and options in the menus. The alphanumeric keypad allows you to enter numbers or characters to access different functions.

The **OK** button will allow you to move forward, confirm and reproduce, while the **BLUSENS** button provides shortcut options (fast forward and rewind, stop, etc) showing the shortcut menu, presenting the information/options window or showing the onscreen keyboard.

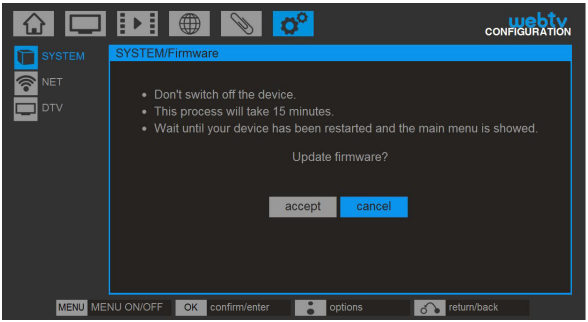
To enter letters in the device (for example to enter the wireless network key) use the alphanumeric keypad of the remote control or the keyboard on the screen (by pressing BLUSENS). To switch between **lowercase**

/ uppercase / numbers press the UP key. To **delete** a character press the LEFT key.

5.3. Updating Web:TV

- The system automatically detects if there is a new update and prompts you with a notice such as in the figure on the availability of the upgrade.

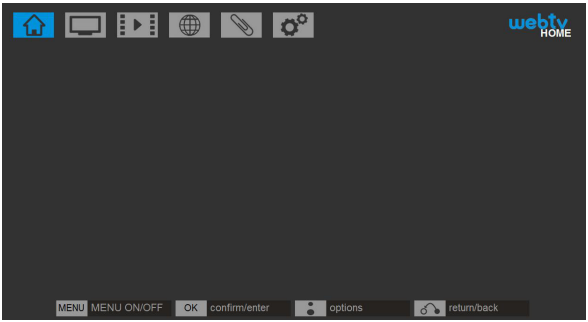
This notice will be displayed every time you turn on Web:tv until they interact. Go to **CONFIGURATION / SYSTEM / FIRMWARE UPDATE** to update the firmware. Confirm the operation to initialize the update.



5.4. MAIN MENU

Press the Menu button on your remote control to show and hide the main menu of Web:tv and display the various options available to manage, reproduce and distribute content with your device. You can view this menu at any time, even if you are viewing a video file.

When the BLU:SENS indicator is active you cannot perform operations. (The BLU:SENS indicator appears on the top left).



HOME	DVB	VIDEOCLUB	INTERNET	APLICACIONES	CONFIGURACION
DISCS	TV		BROWSER		SYSTEM
LAN	RADIO		BLUSENS TV		NET
	GUIDE		INT. TV		DTV
	JOBS		INT. RADIO		
	FOLDER		ETC.		

In any of the options listed above use the navigation keys to scroll through the various options, the **OK** OK button to confirm and reproduce, while the **BLUSENS** button will open or close the shortcut options showing the shortcut menu or submitting the information window.

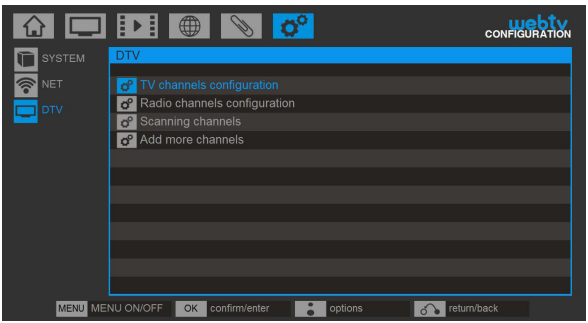
6. DTV

Your Web:tv has a high-definition DTV tuner that allows you to tune DTV channels, both of television and HDTV and Radio.

6.1. DTV TV

6.1.1. Configuration

Go to CONFIGURATION/DTV to display the DTV configuration options.

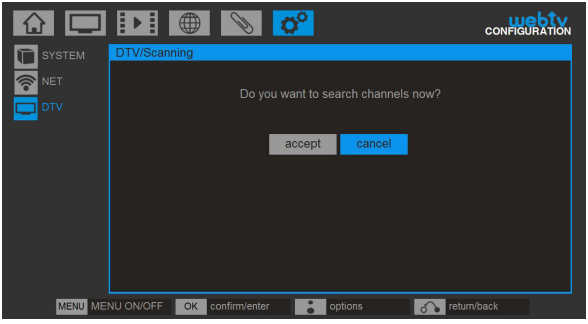


6.1.1.1.Search Channels

Select this option to perform an automatic search of DTV channels. Go to CONFIGURATION/DTV/AUTOMATIC SEARCH.

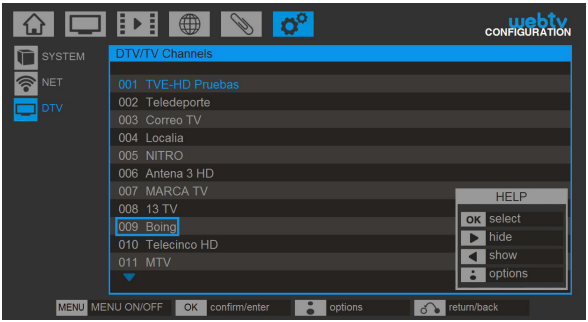
Your Web:tv will search TV and Radio channels together, separating them by type.

When you do this you lose the previously stored list and their order

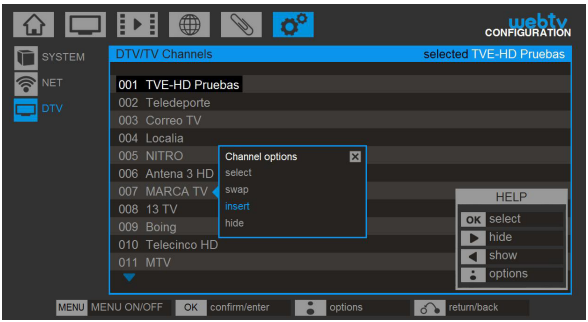


6.1.1.1.1.Sort Channels

To **sort the TV channels** go to CONFIGURATION/ DTV/MANAGE TV CHANNELS. Navigate with the Up and Down keys to the channel you want to sort and press the OK OK button, it selects that channel.



Then navigate to the position where you want to place the channel and press OK OK again (or the BLUSENS button) to display the options for this channel:



Select: Select the channel to work on it.

Swap: Swap the selected channel with the selected position.

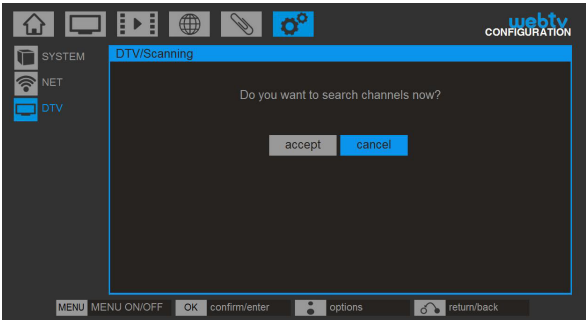
Insert: Insert the channel in that position by moving the other channels.

Hide: The channel will not appear on the list of channels, nor the program guide.

6.1.1.2.Add Channels

Use this option to perform an automatic search for new DTV channels and add them to your list without losing your channels or your current sorting order.

To add more channels select CONFIGURATION/ DTV/ADD CHANNELS. Select this option to perform an automatic search for new DTV channels and add them to the list.

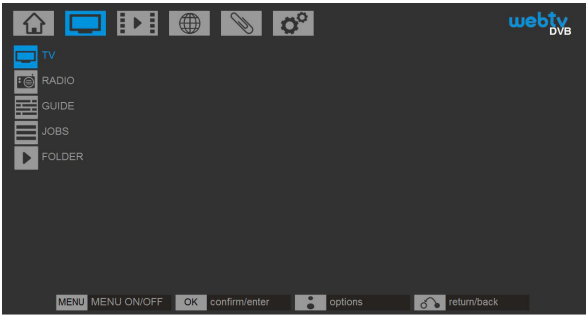


6.1.2. Watch DTV TV

Go to DVB/TV for viewing.

To watch TV you must select DVB/TV and press OK

OK.



6.1.2.1.Remote Control Options

While viewing a DTV TV channel you can perform the following functions from the remote control:

- OK. Displays channel list. Select a channel and press OK to display it.
- PLAY / PAUSE. Activates timeshift (see 6.1.4).
- : Return to the previous channel.
- : Shows/Hides the shortcut menu (see chapter 6.1.2.2)
- MUTE: Mutes the device.
- V+: Increase volume.
- V-: Decrease volume.
- CH+: Next channel.
- CH-: Previous channel.

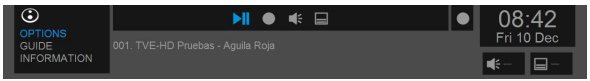
- REC: Starts recording the channel being viewed. Each press increases the recording time.
- MENU : Shows/hides the main menu.
- Numeric keypad: Changes the channel number.
- MODE: Changes the aspect ratio (4:3/16:9).

6.1.2.2.Shortcut Menu options

Press the BLUSENS button while viewing a DTV channel to display the shortcut menu at the top of the screen.

Press the CH+ or CH- buttons to manage the different sections and V- or V+ to select the options.

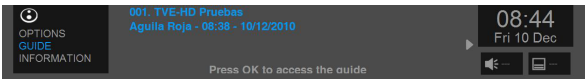
OPTIONS:



- PLAY / PAUSE. Activates the Timeshift function (see chapter 6.1.4).

- REC. Starts recording a DTV channel. Each press increases the recording time.
- LANGUAGES. Allows you to change the selected audio among the list of available audio for that program.
- SUB: Allows you to activate and select available subtitles for that program.

GUIDE:



Displays information on the channel and you are viewing. Click V+ to view the next program to be aired on that channel. Press OK to directly access the program guide (see chapter 6.1.3).

INFORMATION:

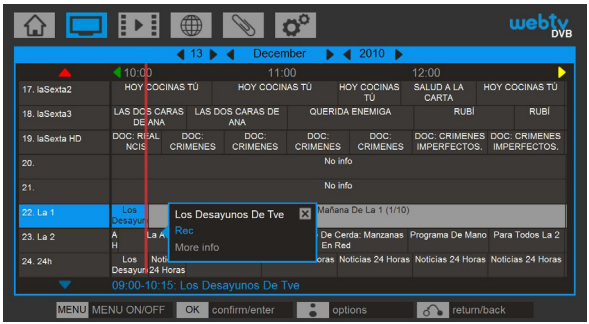
Displays information about the audio and video formats of the broadcast.

6.1.3. Program Guide

- Select the GUIDE icon to go to the EPG (Electronic Program Guide).

The EPG interface displays a list of channels stored along with information about the programs being broadcast.

- To **navigate through the channels** use the navigation keys. Select a channel and press **OK** OK to display that channel.
- Use the navigation keys to **select a program**. Press the **BLUSENS** button to go to the available options window for the selected program.



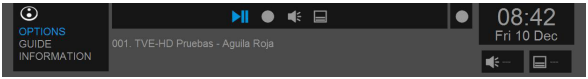
- Contains **More information**, that will open the information on the selected program and the **Record** option that will create a new recording task to record that program (see chapter 6.1.5.2.2).
- Press Return/Back and use the navigation keys to **change the date** of the EPG (press the OK button to go to each field).

6.1.4. Timeshift

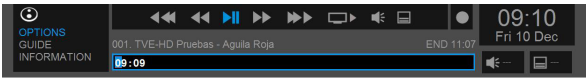
This feature allows you to pause the DTV channel you are viewing, allowing playback to recover from that point at any time.

Your Web:tv offers 2 options to activate the Timeshift function:

- Pressing the button of the remote control.
- From the shortcut menu using the icon.



From that time the device starts recording until it stops or the space reserved for that purpose has been filled (buffer).



To continue playing from the point where the viewing was paused, press ⏯. You scroll through the progress bar with the corresponding options. You can also change audio and subtitles.

In this case we will have a progress bar within the options area with the total length of the Timeshift buffer. This bar has information on total time, remaining recording time and viewed recording time.

To return to live television select the option.

6.1.5. Recording

Your Web:tv allows you to record DTV and DTV-HD channels. Your Web:tv will record all the channel information, including all the audios and subtitles allowing them to be changed during playback of the recording. The recordings will be made in a "recordings" folder of your USB (pendrive, hard disk, etc.). There are several ways to activate this feature. The icon of the shortcut menu will turn red to indicate that recording is in progress.

6.1.5.1.Direct Recording

6.1.5.1.1.From the remote control

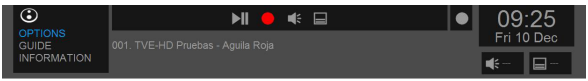
To **directly record from a channel** from the current time press the REC

button on the remote control.

The device will directly record the channel you are viewing. Each press will increase the recording time (30, 60, 90, 120, 240, 480, off minutes).

To stop recording just press the STOP button and this will be stored automatically.

6.1.5.1.2.From the shortcut menu

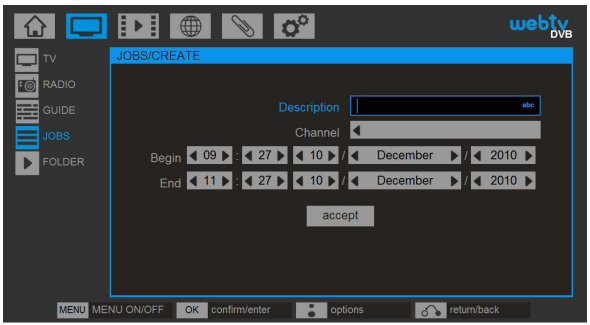


To **directly record from a channel** from the current time press the BLUSENS button, while viewing the desired channel, to display the SHORTCUT MENU. In OPTIONS select the RECORD icon and press OK . From this point your Web:tv will record that channel during the selected time period (1 press: 30 minutes; 2 presses: 60 minutes, 90, 120, 180, 240, 480 minutes; off).

To stop recording just press the STOP button in the shortcut menu or the remote control.

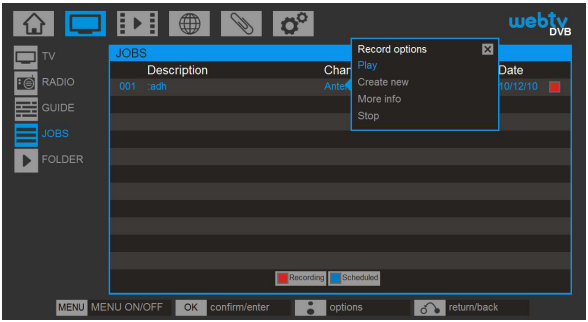
6.1.5.2.Scheduled Recording

6.1.5.2.1.Scheduled from jobs



To schedule the recording of **one channel and at a time** go to DVB / JOBS to create a new scheduled task. If there are no tasks, the system gives us a new one. If there is any task press the BLUSENS button and select CREATE NEW.

In both cases a screen opens to configure the recording. Enter a name for the recording. Select the channel you want to record, set the date and time to start and end the recording, select ACCEPT and press OK OK, a new task will be added to the existing task list.

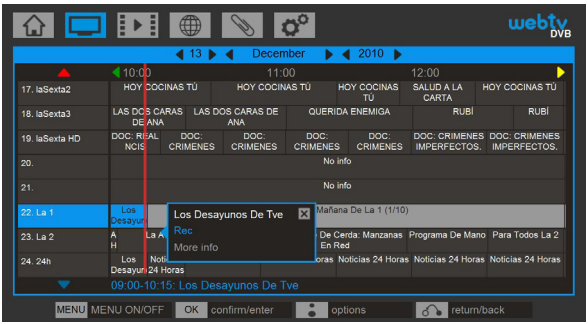


Your Web:tv will automatically record even if it is on Standby. If you are viewing a different channel Web:tv will automatically change to the channel to be recorded.

In the task list basic information about each task and the status (recording, scheduled) will be displayed. Press the BLUSENS button to display the recording options:

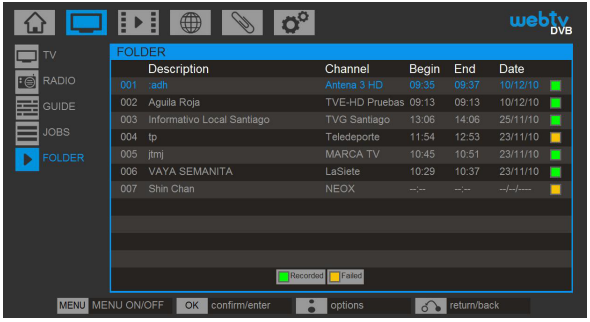
- **Play:** (if the recording is in progress) lets you start playback while the system continues recording.
- **Edit:** (if the recording is not in progress) a screen opens where you can modify all recording parameters, such as channel, description, quality, recording hours,...
- **Create New:** a screen opens to schedule a new recording.
- **More Info:** displays the task information.
- **Stop:** (if the recording is in progress) stops the recording and saves it to the hard disk. (if the recording is not in progress) cancels the recording and removes the recording from the task list.

6.1.5.2.2.Scheduled from the Program Guide.


webtv DVB
13 December 2010
10:00 11:00 12:00
17. laSexta2
18. laSexta3
19. laSexta HD
20.
21.
22. La 1
23. La 2
24. 24h
HOY COCINAS TÚ
HOY COCINAS TÚ
HOY COCINAS TÚ
SALUD A LA CARTA
HOY COCINAS TÚ
LAS DOS CARAS DE ANA
LAS DOS CARAS DE ANA
QUERIDA ENEMIGA
RUBÍ
RUBÍ
DOC: REAL
DOC: CRIMENES
DOC: CRIMENES
DOC: CRIMENES
DOC: CRIMENES
DOC: CRIMENES IMPERFECTOS.
DOC: CRIMENES IMPERFECTOS.
No info
No info
Los Desayuno
Los Desayuno
Los Desayuno

NOTE: The accuracy of the information in the Program Guide depends solely on the transmission channel and therefore may not be 100% accurate.

6.1.5.3.Viewing a Recording



- The recordings made are available in DVB/FOLDER (Make sure you have connected the USB device in which the recording took place). The list of recordings shows basic data on each recording and an indicator whether the recording was successful or if an error occurred.

Make sure you have connected the USB device in which the recording took place.

Select a recording from the list and press OK or PLAY to play the recording.

During playback you can change the audios and subtitles from the corresponding options in the shortcut menu.

In the list of recordings press the button to see the options available for recording:

- **Play:** plays the selected recording.
- **More Info:** displays the information available for the recording.

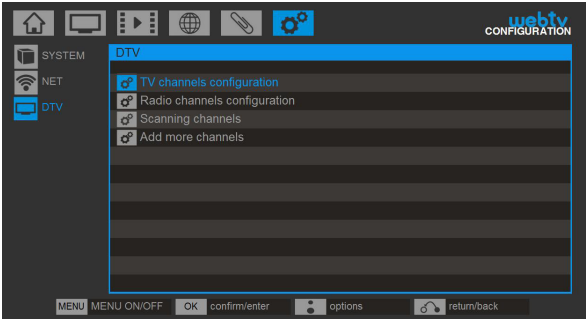
Delete: deletes the recording from the list and erases it from the storage device.

NOTE: The recordings are automatically saved in the "RECORDINGS" folder of your USB device.

6.2. DTV Radio

6.2.1. Configuration

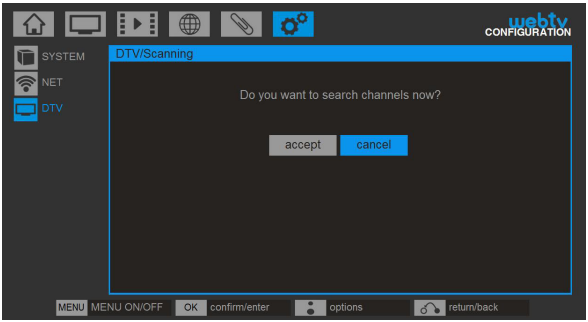
Go to CONFIGURATION/DTV to display the DTV configuration options.



6.2.1.1.Search Channels

Select this option to perform an automatic search of DTV channels. Go to CONFIGURATION/DTV/AUTOMATIC SEARCH.

Your Web:tv will search TV and Radio channels together, separating them by type.



6.2.1.2.Sort Channels

To **sort the TV channels** go to CONFIGURATION/ DTV/MANAGE RADIO CHANNELS. Navigate with the

Up and Down keys to the channel you want to sort and press the OK button, it selects that channel.

Then navigate to the position where you want to place the channel and press OK again (or the BLUSENS to display the options for this channel:

Select: Select the channel to work on it.

Swap: Swap the selected channel with the selected position.

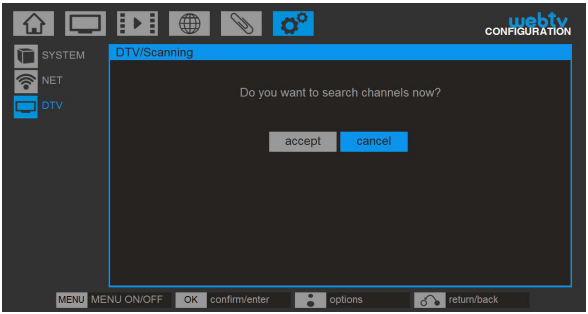
Insert: Insert the channel in that position by moving the other channels.

Hide: The channel will not appear on the list of channels.

6.2.1.3.Add Channels

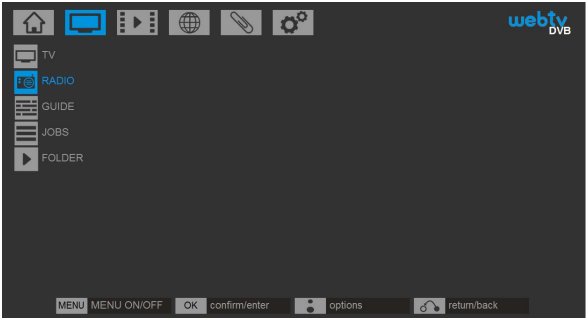
Use this option to perform an automatic search for new Radio and TV channels and add them to your list without losing your channels or your current sorting order.

To add more channels select CONFIGURATION/ DTV/ADD CHANNELS. Select this option to perform an automatic search for new radio and TV channels and add them to the list.



6.2.2. Escuchar Radio TDT

To listen to the Radio you must select DVB/RADIO and press OK OK.



6.2.2.1.Remote Control Options

While listening to a Radio channel you can perform the following functions from the remote control:

While viewing a DTV TV channel you can perform the following functions from the remote control:

- OK. Displays channel list. Select a channel and press OK to listen it.
- PLAY / PAUSE. Activates timeshift (see 6.1.4).
- : Return to the previous channel.
- : Shows/Hides the shortcut menu (see chapter 6.2.2.2)
- MUTE: Mutes the device.
- V+: Increase volume.
- V-: Decrease volume.
- CH+: Next channel.
- CH-: Previous channel.

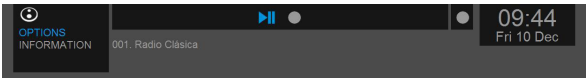
- REC: Starts recording the channel being listened to. Each press increases the recording time.
- MENU : Shows/hides the main menu.
- Numeric keypad: Changes the channel number.

6.2.2.2.Shortcut Menu Options

Press the BLUSENS button while listening to a Radio channel to display the shortcut menu at the top of the screen.

Press the ▲CH+ or ▼CH+ buttons to manage the different options.

OPTIONS:



- PLAY / PAUSE. Activates the Timeshift function (see chapter 6.2.3).
- REC. Starts recording a Radio channel. Each press increases the recording time.

INFORMATION:

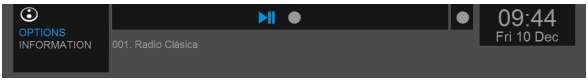
Displays information about the audio formats of the broadcast.

6.2.3. Timeshift

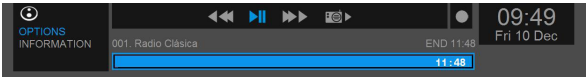
This feature allows you to pause the Radio channel you are listening to, allowing playback to recover from that point at any time.

Your Web:tv offers 2 options to activate the Timeshift function:

- Press the ⏯ button of the remote control.
- From the shortcut menu using the ⏯ icon.



From that time the device starts recording until it stops or the space reserved for that purpose has been filled (buffer).



To continue playing from the point where listening was paused, press . You scroll through the progress bar with the corresponding options.

In this case we will have a progress bar within the options area with the total length of the Timeshift buffer. This bar has information on total time, remaining recording time and viewed recording time. To return to live Radio select the option.

6.2.4. Recording

Your Web:tv allows you to record RADIO channels. Your Web:tv will record all the channel information. The recordings will be made in a “recordings” folder of your USB (pendrive, hard disk, etc.). There are several ways to activate this feature. The icon of the shortcut menu will turn red to indicate that recording is in progress.

6.2.4.1.Direct Recording

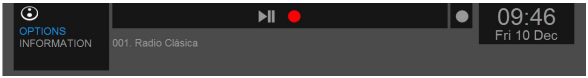
6.2.4.1.1.From the remote control

To **directly record from a channel** from the current time press the REC

button on the remote control. The device will directly record the channel you are listening to. Each press will increase the recording time (30, 60, 90, 120, 180, 240, 480, off minutes).

To stop recording just press the STOP button and this will be stored automatically.

6.2.4.1.2.From the shortcut menu

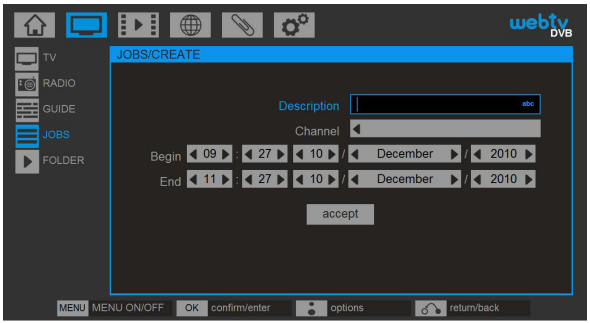


To **directly record from a channel** from the current time press the BLUSENS , button, while listening to the desired channel, to display the SHORTCUT MENU. In OPTIONS select the RECORD icon and press OK . From this point your Web:tv will record that channel during the selected time period (1 press: 30 minutes; 2 presses: 60 minutes, 90, 120, 180, 240, 480 minutes; off).

To stop recording just press the STOP button in the shortcut menu or the remote control.

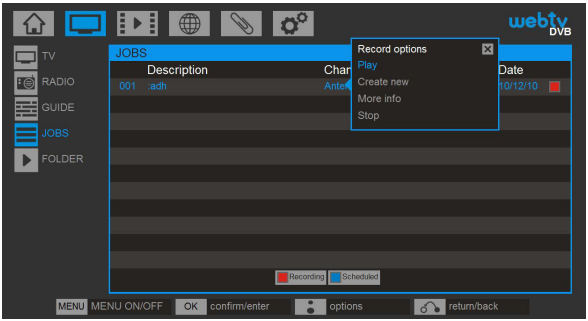
6.2.4.2.Scheduled Recording

6.2.4.2.1.Scheduled from Jobs



To schedule the recording of **one channel and at a time** go to DTV / JOBS to create a new scheduled task. If there are no tasks, the system gives us a new one. If there is any task press the BLUSENS button and select CREATE NEW. In both cases a screen opens to configure the recording. Enter a name for the recording. Select the channel you want to record, set the date and time to start and end the recording, select

ACCEPT and press OK OK. A new task will be added to the existing task list.



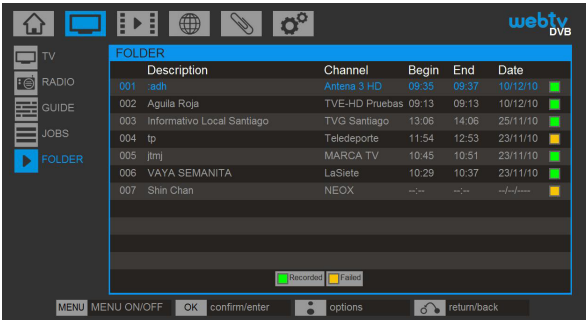
Your Web:tv will automatically record even if it is on Standby. If you are viewing a different channel Web:tv will automatically change to the channel to be recorded.

In the task list basic information about each task and the status (recording, scheduled) will be displayed. Press the BLUSENS button to display the recording options:

- **Play**: (if the recording is in progress) lets you start playback while the system continues recording.
- **Edit**: (if the recording is not in progress) a screen opens where you can modify all recording parameters, such as channel, description, quality, recording hours,...
- **Create New**: a screen opens to schedule a new recording.
- **More Info**: displays the task information.
- **Stop**: (if the recording is in progress) stops the recording and saves it to the hard disk. (if the recording is not in progress) cancels the recording and removes the recording from the task list.

NOTE: When you select Radio channels, you must keep in mind that these are at the bottom of the list of TV channels.

6.2.4.3.Playing a Recording



The recordings made are available in DTV/FOLDER (Make sure you have connected the USB device in which the recording took place). The list of recordings shows basic data on each recording and an indicator whether the recording was successful or if an error occurred. Make sure you have connected the USB device in which the recording took place.

Select a recording from the list and press OK

or PLAY to play the recording.

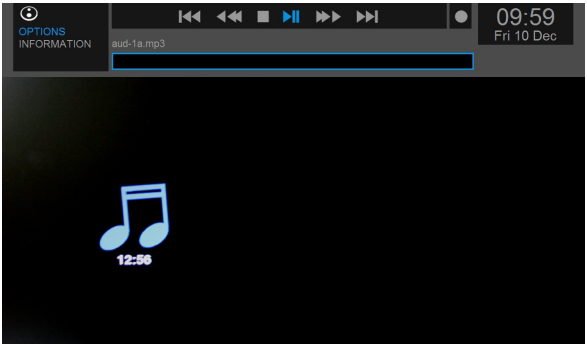
In the list of recordings press the to see the options available for recording:

- **Play:** plays the selected recording.
- **More Info:** displays the information available for the recording.
- **Delete:** deletes the recording from the list and erases it from the storage device.

NOTE: The recordings are automatically saved in the "RECORDINGS" folder of your USB device.

7. MULTIMEDIA PLAYBACK

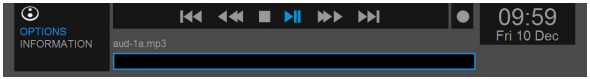
7.1. Audio Playback



Your Web:tv lets you play audio files in many formats. To play a file go to its location, either a USB disk (HOME / DISCS) or a local network device (HOME / LAN). Browse through the device to find the desired file. Select it and press Play ▶II or OK OK to play it. To play the entire contents of a folder, select it, press the ⋮ button and select “Play Folder”.

7.1.1. Shortcut menu

OPTIONS



Pressing the BLUSENS button while playing an audio file can show / hide the shortcut menu from which you can view all file information as well as playback options.

- PLAY / PAUSE. Starts and pauses playback.
- STOP. Stops playback.
- RW. Fast rewind.
- RW. Fast rewind in progress bar. Press to play.
- RW. Previous track.
- FF. Fast forward.
- FF. Fast forward in progress bar. Press to play.
- FF. Next track.

- 41:51 : Elapsed playback time.
- 01:13:17 : Remaining playback time.
- DUR DUR: Shows the total track length in the audio file.

INFORMATION

Displays information about audio playback formats.

7.1.2. Remote Control

- RW. Fast Rewind.
- FF. Fast forward.
- PLAY / PAUSE. Starts and pauses playback.
- STOP. Stops playback.
- : Shows/Hides the shortcut menu
- MUTE: Mutes the device.

- V+: Increase volume.
- V-: Decrease volume.
- CH+: Next file.
- CH-: Previous file.

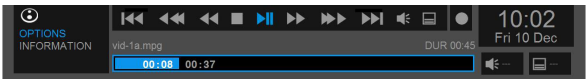
7.2. Video Playback

Your Web:tv lets you play video files in many formats. To play a file go to its location, either a USB disk (HOME / DISCS) or a local network device (HOME / LAN). Browse through the device to find the desired file.

Select it and press Play or OK to play it. To play the entire contents of a folder, select it, press the button and select “Play Folder”.

7.2.1. Shortcut menu

OPTIONS



Pressing the BLUSENS button while playing a video file can show / hide the shortcut menu from which you can view all file information as well as playback options.

- PLAY / PAUSE. Starts and pauses playback.
- STOP. Stops playback.
- RW. Fast rewind.
- RW. Fast rewind in progress bar. Press to play.
- RW. Previous track.
- FF. Fast forward.

- FF. Fast forward in progress bar. Press to play.
- FF. Next track.
- LANGUAGES. Changes the playback language.
- SUB: Enables playback subtitles.
- . Indicates whether recording is active or not. If activated the indicator is in Red.
- : Elapsed playback time.
- : Remaining playback time.
- DUR: Shows the total track length in the audio file.

INFORMATION

Displays information about audio and video playback formats.

7.2.2. Remote Control

- RW. Fast Rewind.
- FF. Fast forward.
- PLAY / PAUSE. Starts and pauses playback.
- STOP. Stops playback.
- : Shows/Hides the shortcut menu
- MUTE: Mutes the device.
- V+: Increase volume.
- V-: Decrease volume.
- CH+: Next file.
- CH-: Previous file.

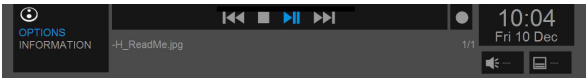
7.3. Viewing Photos

Your Web:tv lets you view image files in many formats. To view a file go to its location, either a USB disk (HOME / DISCS) or a local network device (HOME / LAN). Browse through the device to find the desired file. Select it and press Play ⏯ or OK OK to view it. To

view the entire contents of a folder, select it, press the ⋮ button and select “Play Folder”.

7.3.1. Menu Contextual

OPCIONES



Pressing the BLUSENS button while viewing an image file can show / hide the shortcut menu from which you can view all file information as well as playback options.

- PLAY / PAUSE. Starts and pauses the display.
- STOP. Stops the display.
- RW. Previous image.
- FF. Next image.

INFORMATION

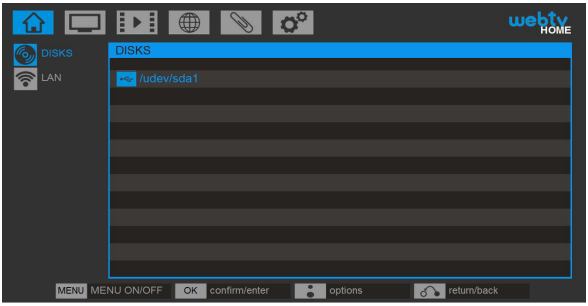
Displays information about image formats and size.

7.3.2. Remote Control

- ▶II PLAY / PAUSE. Starts and pauses the display.
- ■ STOP. Stops the display.
- : Shows/Hides the shortcut menu
- ▲CH+ CH+: Next file.
- ▼CH- CH-: Previous file.

8. USB

8.1. Access, Navigation, Options



Your Web:tv allows you to connect storage devices such as pendrives, hard disks, CD/DVD readers (read only), etc... to front and rear USB ports.

To access the devices connected to the USB ports of your Web:tv go to HOME/DISCS. Press the ▲CH+, ▼CH- buttons to navigate through V- and V+ folders or to enter and exit the directories, OK OK to access or

play files, select to go up a level or to return directly to the list of disks.

Press the BLUSENS button to view the possible options:

- Play folder: Selects the whole folder and start a playlist of all your files.
- Create folder: Creates a new folder on the USB disk.
- Copy: Copies the file keeping it in the original location.

- Paste: Pastes the copied file to the destination.
- Cut: Copies the file erasing it from the original location.
- Erase: Erases a file.
- Refresh file list: Updates the list after making a change.

EXAMPLE: Copy and paste file to another folder.

Select the desired file, then press the BLUSENS button and select the Copy option. Then navigate to the destination folder where you want to have that file, press the BLUSENS button again and select Paste.

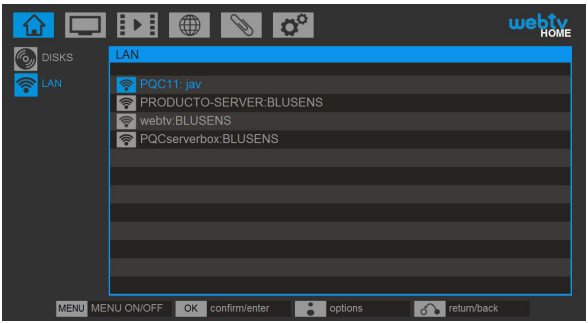
NOTE: You can manage files within the same USB device, among different USB devices, between a USB device and a network device or among network devices.

9. LOCAL NETWORK

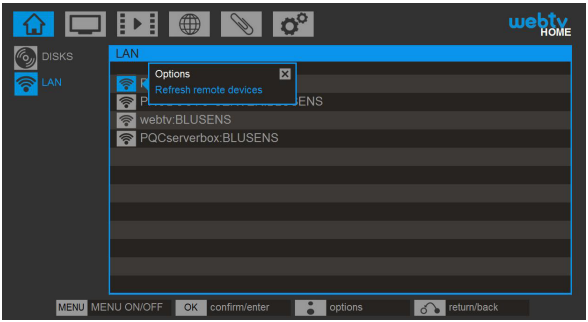
9.1. Multimedia Client /Samba/NFS

Your Web:tv offers Multimedia clients, Samba and NFS that allow you to access, via Ethernet or wireless, to all existing shared content on the devices connected to the local network, whether from multimedia servers, computers, network drives, etc.

9.2. Acceso, navegación y opciones



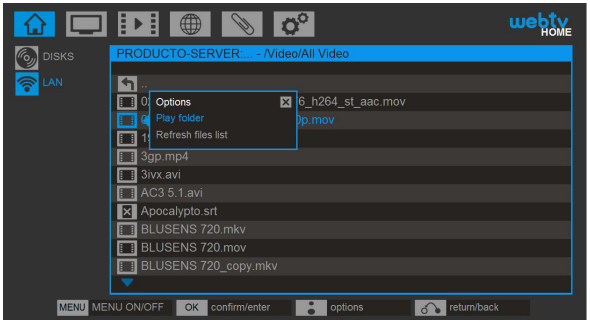
To access the devices connected to the local network make sure you have configured access to it, whether through ethernet cable or through wireless connection (see chapter 4.2.2.2). Go to HOME/LAN all multimedia servers connected to your network will be displayed. To show the other devices connected to the network press the BLUSENS button, to display the options and select “Refresh remote devices list”.



Press the ▲CH+ and ▼CH- buttons to navigate through the folders, OK OK to access or play files, select .

to go up a level or press to return directly to the list of network devices.

Press the BLUSENS button to view the options.



- Play folder: Selects the whole folder and start a playlist of all your files.
- Create folder: Creates a new folder on the selected device.
- Copy: Copies the file keeping it in the original location.
- Paste: Pastes the copied file to the destination.

- Cut: Copies the file erasing it from the original location.
- Erase: Erases a file.
- Refresh file list: Updates the list after making a change.
- EXAMPLE: Copy and paste file to another folder.
- Select the desired file, then press the BLUSENS button and select the Copy option. Then navigate to the destination folder where you want to have that file, press the BLUSENS button again and select Paste.
- NOTE: You can manage files within the same USB device, among different USB devices, between a USB device and a network device or among network devices.

10. NETWORK SERVICES

10.1. Multimedia Server

Your Web:tv offers a multimedia server that allows you to access shared content on your Web:tv from any multimedia client that has access to your Web:tv, whether a computer, a multimedia player, another Web:tv, etc.

The multimedia server allows you to access DTV channels (see chapter 10.4 LiveTV).

The "multimedia server" network service is enabled by default. To enable or disable this service refer to chapter 10.5 Web Interface

NOTE: To share files or folders from your Web:tv see chapter 10.5 Web Interface.

10.2. Samba Server

Your Web:tv offers a Samba server that allows you to access shared content on your Web:tv from any Samba client (normally used in the Windows operating system) that has access to your Web:tv, whether a computer, a multimedia player, another Web:tv, etc.

The "Samba server" network service is enabled by default. To enable or disable this service refer to chapter 10.5 Web Interface

NOTE: To share files or folders from your Web:tv see chapter 10.5 Web Interface.

10.3. NFS Server

Your Web:tv offers an NFS server that allows you to access shared content on your Web:tv from any NFS client (normally used in the Linux operating system) that has access to your Web:tv, whether a computer, a multimedia player, another Web:tv, etc.

The "NFS server" network service is enabled by default. To enable or disable this service refer to chapter 10.5 Web Interface.

NOTE: To share files or folders from your Web:tv see chapter 10.5 Web Interface.

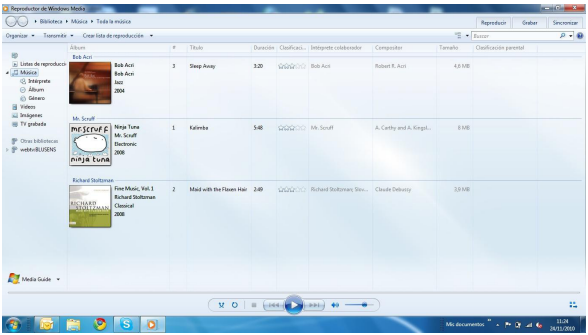
10.4. LiveTV

LiveTV is a service offered by your Web:tv that lets you watch DTV channels tuned to your Web:tv in any location in your home through your local network. LiveTV shares the list of TDT channels through the multimedia server, so from a computer, multimedia player, another Web:tv,... connected to the local network and that provides a multimedia client, you can watch live DTV.

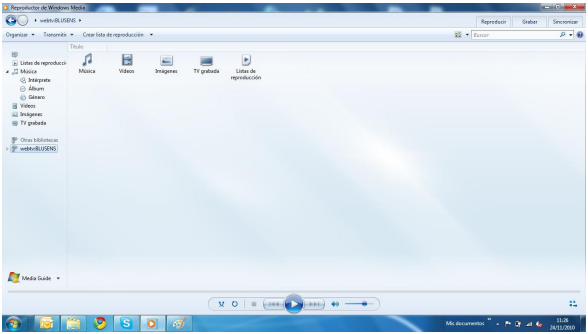
To view DTV channels from an external device, the TDT channels cannot be tuned from your Web:tv.

NOTE: The multimedia server must be enabled. By default, it is already active.

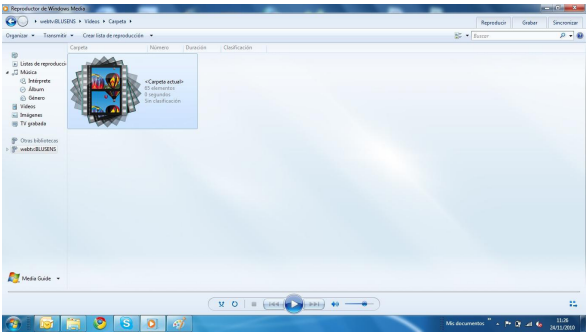
Example: Access LiveTV from Windows Media Player.



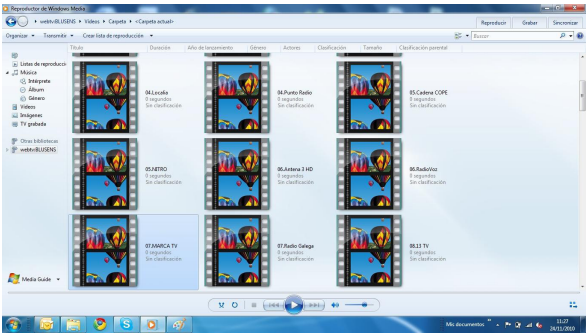
When running, the player will automatically display in the library the available multimedia servers in your local network, including Web:tv.



We select Web:tv:BLUSENS as seen in the image and then the Video option.



To view the shared content through Web:tv in folders select that option.



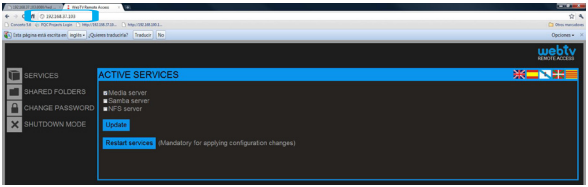
It will show us all the channels tuned to Web:tv. We can view any TV or Radio channel.

From another multimedia client we will access Web:tv. We will select the LiveTV folder and will have the DTV channels separated in the DTV (TV) and Radio (Radio) folders.

10.5. Web Interface

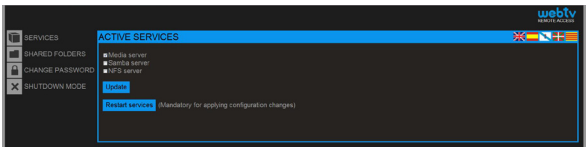
From the web interface you can modify your Web:tv options such as active servers, file sharing, standby mode, etc.

To access the web interface from a web browser (explorer, firefox, etc.) enter the IP address of your Web:tv in the address bar of your browser.

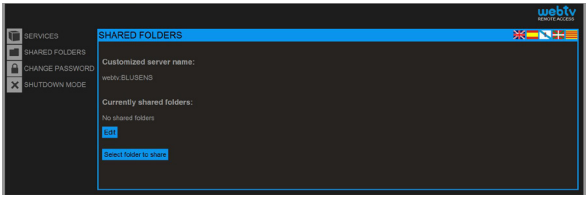


NOTE: The access data to the web interface are: User: admin; Password: 1234, to change the access password select the "Change password" option.

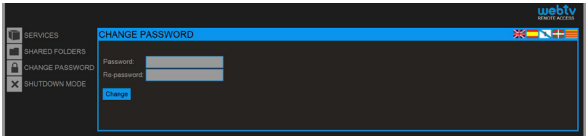
- Services: This option allows you to enable or disable the services available in your Web:tv (see Chapter 10). Select the activation of the servers that suit you most and press "Restart Services".



- Shared pathways: This option allows you to select the options available in the USB devices connected to your Web:tv that you want to share in the active servers.



- Change Password: This option allows you to change the access password to the web interface.

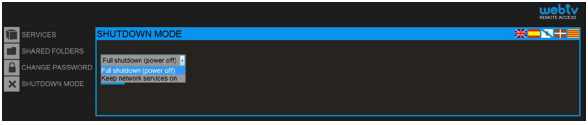


- Shutdown mode: To change the standby mode there are two options:

1.Complete Shutdown: Your Web:tv shuts down completely when you press ⏻.

2.Powered network services: Web:tv will shut down but network services will continue to operate.

After selecting you will have to accept to save the changes.



NOTE: To confirm the changes made to any of the available options you must go to the SERVICES tab and press “Restart services”.

11. INTERNET

Select the icon and the list of Internet media which you can access through your Web:tv will be displayed (browser, Internet television, radio...).

11.1. Web Browser

You can browse Internet web pages through Web:tv and your remote control.

By selecting the Web Browser option you can access web pages from the available shortcuts (google, bing,

...) or by directly entering the web address from the "Go to url..." option.

To scroll through a web press

and

keys to move the view, the

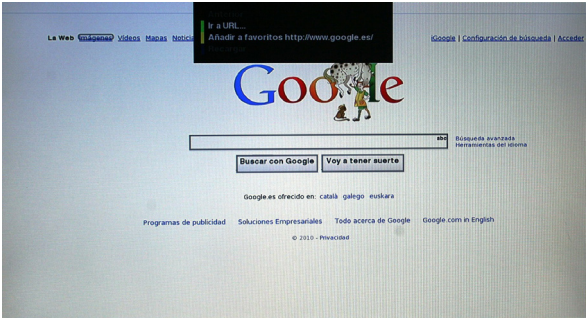
and

keys move the tab through the different options and the OK

button to select an option (mouse click). In the text fields click OK to activate the text input. You can enter characters using the alphanumeric keypad on the remote (pressing the

key deletes the characters entered) or from the onscreen keyboard (displayed by pressing the BLUSENS
key). Press the OK button again to complete the text entry.

Press the BLUSENS key to display the options for that page:



- Previous: Returns to the previously loaded page.
- Go to URL: Select this option to enter a specific address of a page.
- Add to favorites: Adds the web page to the list of favorites (see chapter 11.5).
- Reload: Refreshes and reloads the web page being viewed at that time.

11.2. Blusens TV

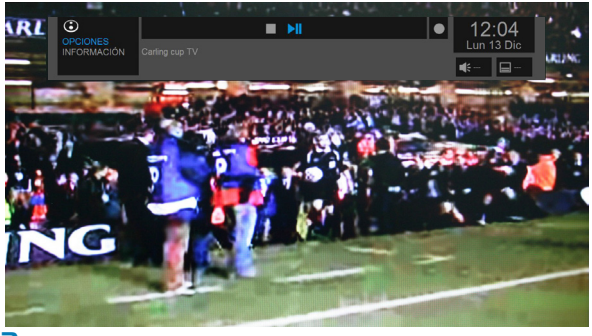
In this option you can access the Blusens TV channel, in which you have thousands of hours of free content to entertain or inform you, such as documentaries, news, series... Pressing OK OK on each option will display a list of different content that can be displayed by pressing OK OK.

11.3. Internet TV

Your Web:tv allows you to view most television channels that broadcast over the Internet. To do this select the "Television channels / Live" option. The channels will be organized in four different ways:

- By popularity: InternetTV channels most voted by users will be in the top positions.
- By category: InternetTV channels are classified depending on the topic of the channel, for example news, sports, documentaries, etc.
- By region: InternetTV channels are organized according to country of issuance.
- By name: InternetTV channels are organized alphabetically.

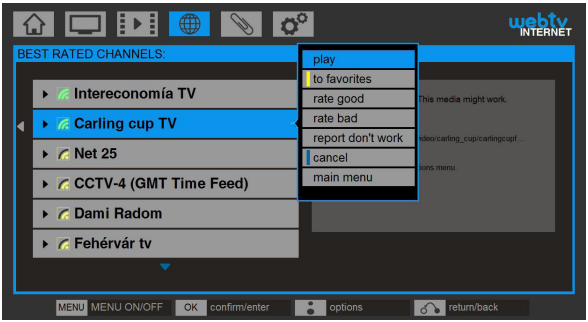
To view an Internet channel select it and press OK OK.



Press the ⏯ key of the remote or select ⏯ in the shortcut menu to activate the Timeshift function on the channel being viewed.

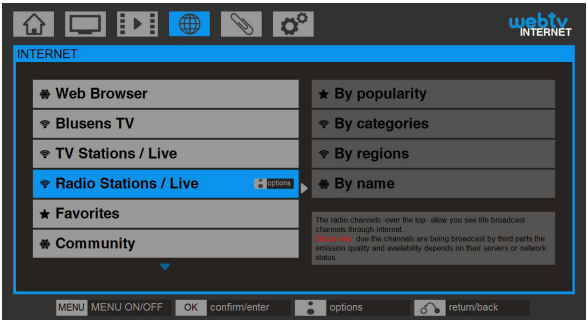
To stop viewing a InternetTV channel press the ■ key or select ■ in the shortcut menu. Once you stop playback the voting panel for that channel will be automatically displayed.

Press the BLUSENS button on the InternetTV channel to display the options available for that channel:



- Play: Return to viewing the selected channel.
- To favorites: Adds the selected channel to the list of favorites
- Vote in favor: Press this option to vote for this channel, and this will increase its popularity ranking.
- Vote against: Press this option to vote against this channel, and it will lose popularity.
- Report bug: Sends a report to the technical service.
- Cancel: Closes the selected channel.
- Main menu: Returns to the main menu of Web:tv.

11.4. Internet Radio

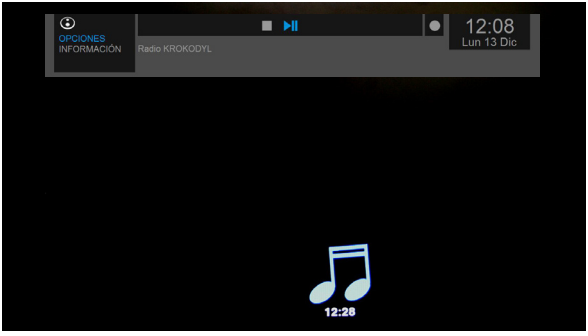


Your Web:tv allows you to view most radio channels that broadcast over the Internet. To do this select the "Radio channels / Live" option. The channels will be organized in four different ways:

- By popularity: Internet Radio channels most voted by users will be in the top positions.
- By category: Internet Radio channels are classified depending on the topic of the channel, for example news, sports, music, etc.

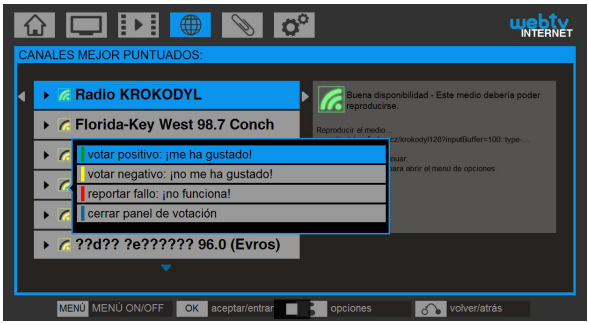
- By region: Internet Radio channels are organized according to country of issuance.
- By name: Internet Radio channels are organized alphabetically.

To listen to an internet channel select it and press OK OK.

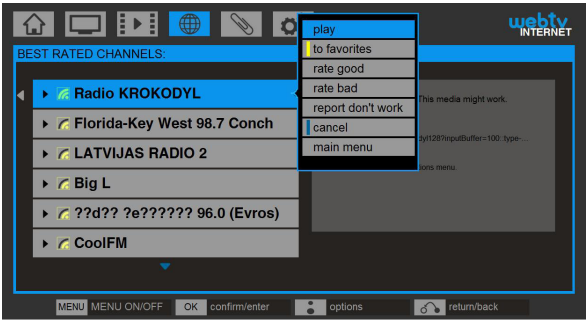


Press the ⏯ key of the remote or select ⏯ in the shortcut menu to activate the Timeshift function on the channel being viewed.

To stop listening to an Internet Radio channel press the ■ key or select ■ in the shortcut menu. Once you stop playback the voting panel for that channel will be automatically displayed.



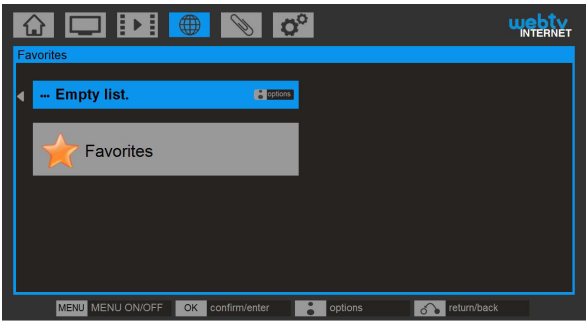
Press the BLUSENS button on the Internet Radio channel to display the options available for that channel:



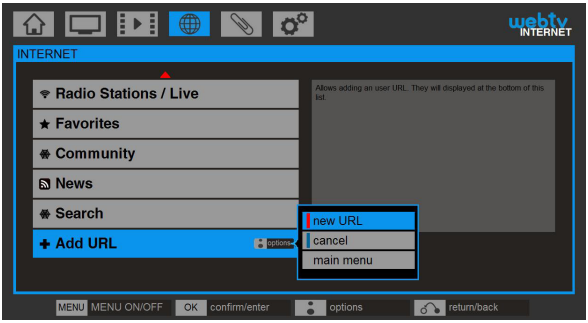
- Play: Return to listening to the selected channel.
- To favorites: Adds the selected channel to the list of favorites
- Vote in favor: Press this option to vote for this channel, and this will increase its popularity ranking.
- Vote against: Press this option to vote against this channel, and it will lose popularity.
- Report bug: Sends a report to the technical service.
- Cancel: Closes the selected channel.
- Main menu: Returns to the main menu of Web:tv.

11.5. Favorites

Selecting this option displays a list of your favorite web pages, TV and radio channels added earlier. Pressing OK (OK) takes you straight to them.



11.6. Add URL

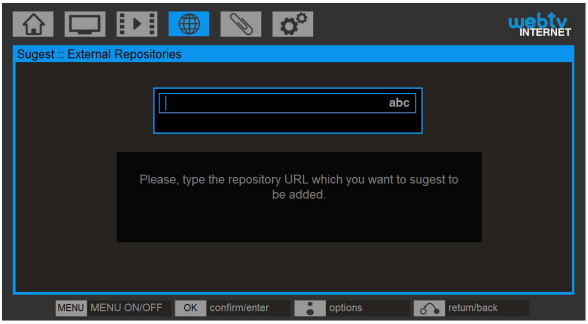


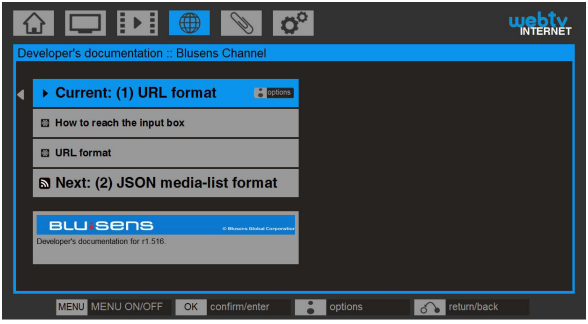
With this option you can add a web page, InternetTV or Internet Radio channels to the preselected list of the Web Browser. Writing in the same way to enter a particular page.

11.7. Community

In this option, you can help improve the device. The first option is to suggest a direction that will result in developments, testing for correct operation, and addition to later versions. The second option is for

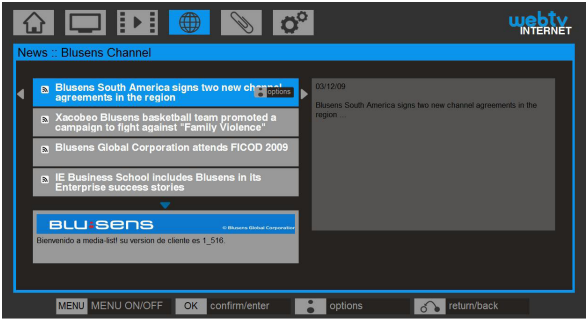
developers only, a series of information that will help you create a website for the device.



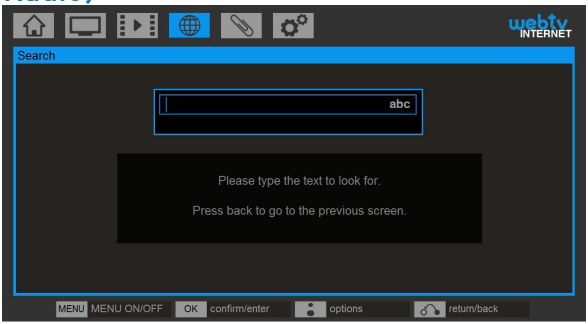


11.8. Blusens News

In this option, a series of news related to Blusens, either corporate, sporting or otherwise, will be displayed.


webtv INTERNET
News :: Blusens Channel
Blusens South America signs two new channel agreements in the region
options
Xacobeo Blusens basketball team promoted a campaign to fight against "Family Violence"
Blusens Global Corporation attends FICOD 2009
IE Business School includes Blusens in its Enterprise success stories
03/12/09
Blusens South America signs two new channel agreements in the region ...
BLU·SENS
© Blusens Global Corporation
Bienvenido a media-list! su version de cliente es 1_516.
MENU MENU ON/OFF
OK confirm/enter
options
return/back

11.9. Search internet channels (TV/ Radio)



With this option you can search, using a keyword, different Internet TV or radio channels.

Use the alphanumeric keypad on your remote control or they keyboard on the screen (with the button) to write the desired word, and press OK to confirm. A list with the various available channels related to the search will be displayed. Press up or down to select the desired one and press OK to view it.

12. APLICACIONES

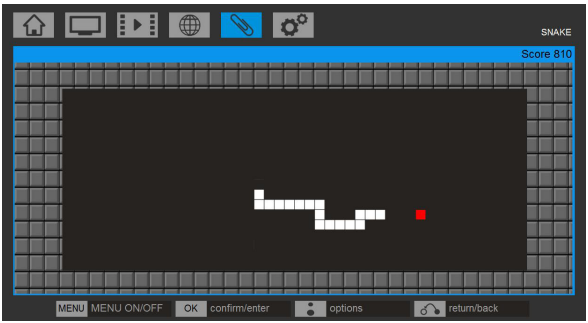
Select the icon and the list of third-party applications and other content providers will be displayed.

Additional Web:tv applications will be displayed. These depend on external content providers, so Web:tv acts as a consumer of such content.

.

12.1. Snake

The most famous snake game. To play you need to select the application, enter the game and you have to press OK OK for the snake to start moving. When you want to finish, you must press Return to exit the game.



12.2. State Lotteries and Betting

You can view information about the draws and winning numbers. To view the full size news press the OK OK button.

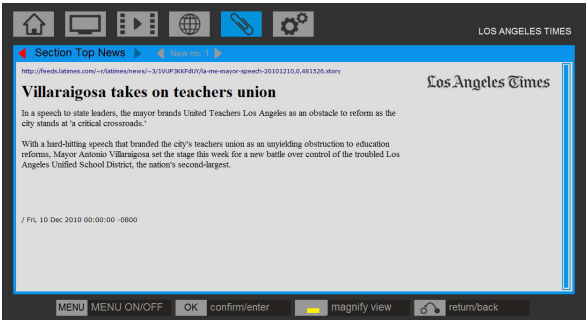
SORTEOS DE LOTERIAS
Section Loterías y Apuestas del Estado
New no: 1
http://www.meh.es/es-ES/Loterias y Apuestas/LaPrimitiva/Paginas/SeleccionLP.aspx
Último sorteo celebrado de LOTERIA PRIMITIVA.
Núm. sorteo: 49
Combinacion: 4, 12, 14, 40, 41, 44; Complementario: 1; Reintegro: 1
/ Wed, 08 Dec 2010 16:00:00 -0800
Loterías y Apuestas del Estado
MENU MENU ON/OFF
OK confirm/enter
magnify view
return/back

12.3. News Readers

You can access various online journals where you can quickly and easily read the news of the day. Newspapers of different countries and themes.

Press OK to view in full screen, and press again to the previous view.

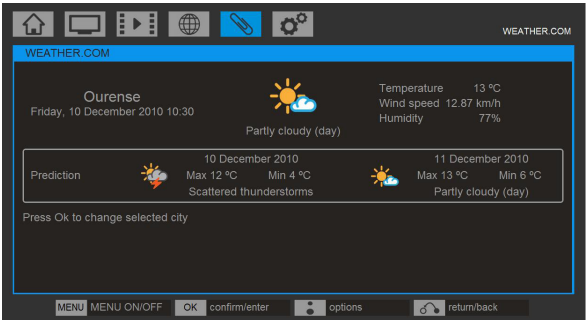
Press V- and V+ to switch between news and press RED to switch to the previous section and BLUE for the next.


LOS ANGELES TIMES
Section Top News
New no. 1
http://feeds.latimes.com/~r/latimes/news/~3/1VUP3KKFdUY/la-me-mayor-speech-20101210,0,481526.story
Los Angeles Times
Villaraigosa takes on teachers union
In a speech to state leaders, the mayor brands United Teachers Los Angeles as an obstacle to reform as the city stands at 'a critical crossroads.'
With a hard-hitting speech that branded the city's teachers union as an unyielding obstruction to education reforms, Mayor Antonio Villaraigosa set the stage this week for a new battle over control of the troubled Los Angeles Unified School District, the nation's second-largest.
/ Fri, 10 Dec 2010 00:00:00 -0800
MENU MENU ON/OFF
OK confirm/enter
magnify view
return/back

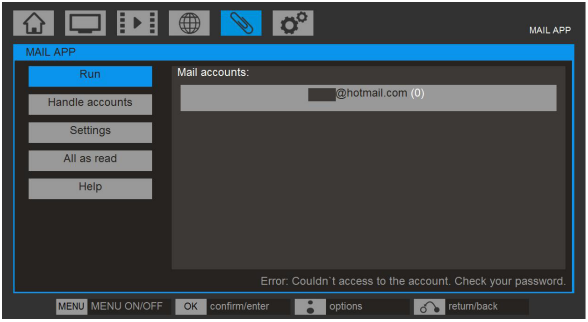
12.4. Weather

To view weather information you have to select the desired city by typing using alphanumeric keypad of the remote control or on screen (with the button) the name, then pressing OK to confirm it.

Select the desired city and press OK again to confirm it.



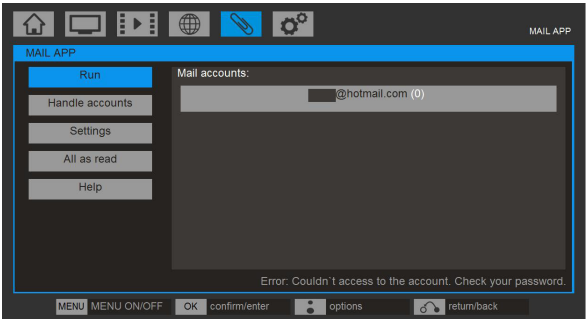
12.5. Mail App (electronic mail)



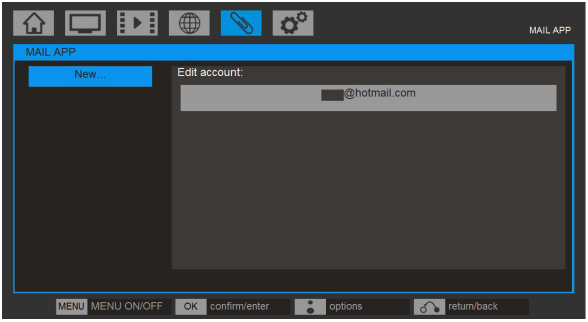
You can configure up to 8 accounts of electronic mail in your Web:tv through this application that lets you

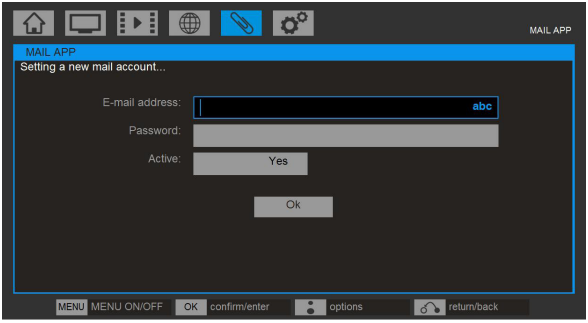
read your email directly on your TV as well as receive a notice on screen when new mail is received, even if you are watching DTV.

- Launch: Run the electronic mail service.

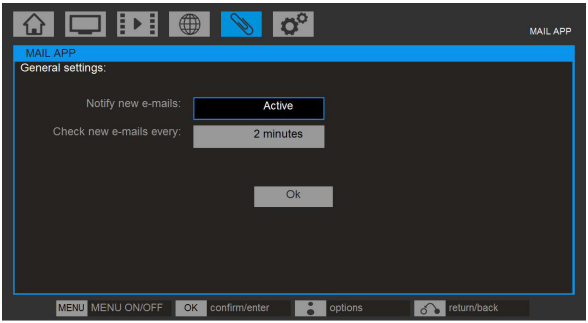


- Manage accounts: Allows you to create new accounts or change some options that are already created, like the password for example. Complete the fields to add a new email account to the application.

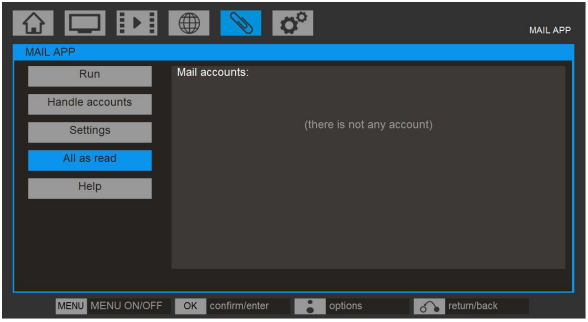




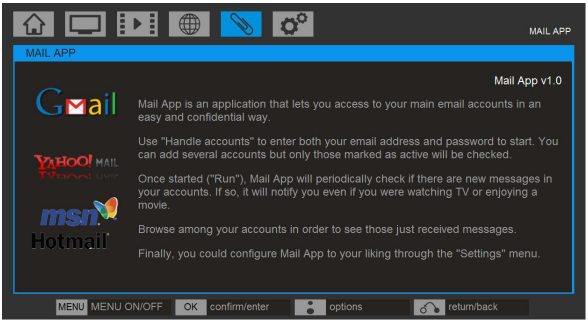
- Configuration: Changes the basic parameters of the application and notification of new mail and the refresh time.



- All read: Selects the new unread emails and marks them as read.



- Help: Displays information about this application that can offer help.


MAIL APP
MAIL APP
Mail App v1.0
Mail App is an application that lets you access to your main email accounts in an easy and confidential way.
Use "Handle accounts" to enter both your email address and password to start. You can add several accounts but only those marked as active will be checked.
Once started ("Run"), Mail App will periodically check if there are new messages in your accounts. If so, it will notify you even if you were watching TV or enjoying a movie.
Browse among your accounts in order to see those just received messages.
Finally, you could configure Mail App to your liking through the "Settings" menu.
MENU MENU ON/OFF
OK confirm/enter
options
return/back

12.6. Blusens Store

By accessing this application, you can enter the Blusens on-line store and view products from it.

It has an internal menu to choose different product categories and a sub-menu to select the specific product you want.

13. VIDEOCLUB

Select the icon or press the VoD key and directly access the Blusens on-line videoclub. You must register to obtain a connection code.

webtv
VIDEOCLUB
ENLAZAR CUENTA - VIDEOCLUB
CINECLICK
Bienvenido al Videoclub Blusens
Para comenzar la experiencia y alquilar películas debes activar tu cuenta y enlazar el dispositivo.
Sigue los pasos indicados en el flyer promocional y disfruta del mejor Videoclub.
Si no tienes un flyer promocional o solo quieres obtener un código de enlace, debes registrarte en http://videoclub.blusens.tv y hacer click en el banner indicativo para obtener el código.
Introduce el código de activación aquí:
123
MENU MENU ON/OFF
OK confirm/enter
options
return/back

Account Activation

Follow the instructions indicated in the promotional flyer and complete the registration steps in the system to receive the required connection code and activate the Videoclub account of your device.

This code is intended to link your Videoclub user account with your Web:tv.

Load Balance

To top up your Videoclub account balance, from a computer you must go to http://videoclub.blusens.tv, from the control panel of your user account you will have the option to reload. You can review the guide to reload balance which you will receive by email when you register.

Movie rentals range between 0.99€ and 4.99€. If your balance is less than 0.99€ you cannot rent movies from the catalog.

Search Content by Genre

From the menu, using a shortcut, you can find the desired movie according to its original classification.

Advanced Content Search

This feature allows you to enter the content search in Videoclub in response to specific search words or terms. The search engine filters all the terms we want to enter, showing as a result those titles in which any reference is made either in the title, in the summary or in the credits to the requested term.

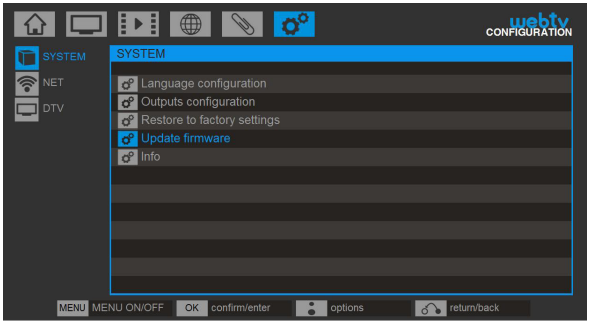
Advanced Options

- Activate/Deactivate PIN: From this function you can assign a security PIN with which to restrict access to adult content and / or advanced functions in the Videoclub settings on the device. You can also disable or change your PIN in this section.
- Disconnect device: This feature allows you to disconnect the device from your Videoclub user account to be able to connect it to a different account.

14. FIRMWARE UPDATE

ATTENTION:

THIS PROCESS IS CRITICAL TO THE COMPUTER AND WILL LAST ABOUT 10 MINUTES DURING WHICH YOU CANNOT OPERATE THE DEVICE.



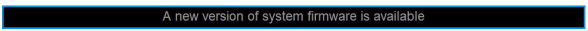
NEVER TURN OFF YOUR WEB:TV WHILE UPDATING, THE SYSTEM MAY BECOME UNUSABLE.

The firmware update can help improve and optimize the performance of your Web:tv. An incorrect update

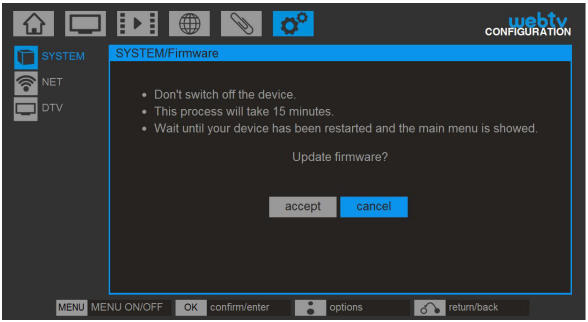
procedure can cause serious damage to the system so it is recommended that you follow the directions.

14.1. Automatic update

The system automatically detects if there is a new update and prompts you with a notice such as in the figure on the availability of the upgrade.

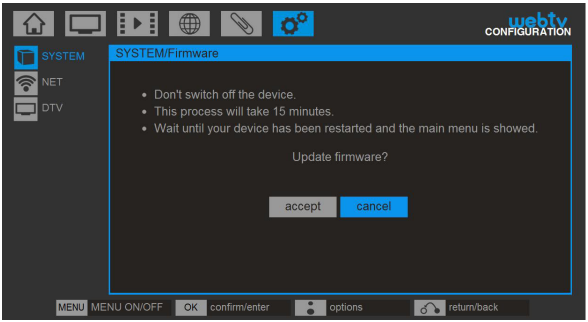


The notice will be displayed until you interact with the system. Go to **CONFIGURATION / SYSTEM / FIRMWARE UPDATE**. Confirm the operation to initialize the update.



14.2. Update from USB

- You must first download the latest firmware version from the Blusens webpage **www.blusens.com/webtv**, in the Downloads section from a computer and save it in a USB device that you should subsequently connect to your Web:tv.
- You must then access the USB device and select the new firmware stored in it. Press OK OK to begin the update.

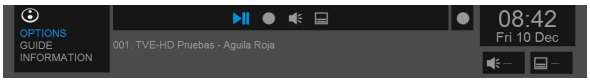

webtv
CONFIGURATION
SYSTEM
NET
DTV
SYSTEM/Firmware
Don't switch off the device.
This process will take 15 minutes.
Wait until your device has been restarted and the main menu is showed.
Update firmware?
accept
cancel
MENU
MENU ON/OFF
OK
confirm/enter
options
return/back

15. MENU CONTEXTUAL

The shortcut menu allows access to functions on the content reproduced by Web:tv at all times. Thus, each content type will show a number of applicable after you press the **BLUSENS** **button**.

Press the **BLUSENS** **button to access the options you selected anywhere in the menu (files, folders, DTV channels, ...)**

The shortcut menu that opens during a display (video, DTV channel,...), is made up of two parts to display the information in a more convenient manner:



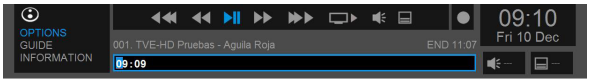
On the **right** side of the window it shows us the current system TIME, the LANGUAGE and SUBTITLES of the playback and the current date, in addition the REC indicator will turn Red when the device is recording.

The **left** side of the Shortcut Menu window shows 3 possibilities on the selected content:

- **OPTIONS**: Provides different function buttons that act on this content (play, record, forward, rewind, etc.). Also shown is the total duration of the current playback and a progress bar on the playback.
- **GUIDE**: Displays information on the current program being viewed. Press the V+ button to view information on the next program. Press OK to go directly to the program guide. This option only appears if you are watching TV or Radio.
- **INFORMATION**: Displays information about the content being viewed or played at that time, whether TV, local playback, etc.

Use the directional buttons to change the area and select the option you want, and access with the **OK** OK **button**.

Shortcut Menu Icons:



- **Shortcut menu**: Select the corresponding icon and press the OK OK button :

- PLAY / PAUSE. Starts and pauses playback. Also with the remote control key. In DTV it will start Timeshift.
- STOP. Stops playback / recording.
- RW. Fast rewind.
- RW. Fast rewind in progress bar. Press to play.
- RW. Previous track.
- FF. Fast forward.

- FF. Fast forward in progress bar. Press to play.
- FF. Next track.
- LANGUAGES. Changes the playback language.
- SUB. Enables playback subtitles.
- REC. Starts recording of a DTV channel (30, 60, 90,120, 180, 240, 480 minutes and OFF) (see chap. 6.1.5.1.2).
- . Exits the Timeshift function and returns to live TV.
- **Remote control:**
- RW. Fast rewind.
- FF. Fast forward.
- PLAY / PAUSE. Starts and pauses playback.
- STOP. Stops playback.
- . Next file.
- . Previous file.
- : Recording.

16. TROUBLESHOOTING

The device does not switch on

- Make sure that the power cord is connected.
- Disconnect all cables and external devices and then connect those for power and images only until the device has shown the main menu.

There are no images

- Make sure that the TV is on.
- Check that the HDMI or AV cable is properly connected
- Check that the appropriate input mode is configured on the TV.

There is no sound

- Make sure the mute function is not activated.
- You may have selected the wrong audio channel.

There is no signal or signal is defective

- Perhaps the antenna is disconnected or damaged. Check the status of the antenna.
- You may be in an area with a low signal level. Please check with your service provider.

Channel message encrypted

- The channel is encrypted. Your Web:tv cannot access encrypted channels.

The remote control does not respond

- Perhaps the IR receiver is blocked. Point the remote directly at the IR receiver.
- Check that the batteries are properly installed and if they are exhausted, replace them with new ones.

17. SPECIFICATIONS

Dimensions	117 x 100 x 40 mm
USB Ports	2 USB Host ports (USB 2.0)
Compatible Devices	USB storage devices and CD/DVD readers.
Weight	207 gr.
Video Outputs	AV
	HDMI 1.3
Audio Outputs	S/PDIF Coaxial Digital
	AV
	HDMI 1.3
	digital optical audio output
Network Connection	Ethernet 10/100 Mbps
	WLAN 802.11b/g/n (up to 300Mbps)

Compatible Formats	Video	AVI, MPG/MPEG, VOB, MKV, MP4/MOV, ASF, MPEG ES/PS/TS/M2TS, WMV
	Audio	MP3, WMA, WAV, MKA
Compatible Codecs	Video	Xvid, AVC, AVCHD,MPEG1/2/4, WMV,h264, VC-1, ACT-L3
		MP3, AAC, DolbyDigital, Dolby Digital+, WMA, FLAC, OGG,WAV, PCM, LPCM,DTS (Digital Out)
Compatible Streaming Protocols	HTTP, MMS (MMS-T and MMS-H),RSTP, ASF, UDP, IGMP	
Signal	RF Antenna	
TV Recording Formats	MPEG TS	

Power	AC 100-240V 50-60Hz
Energy Consumption	Maximum 23W Average 14W
Operating Temperature	0°C-50°C
Humidity	5%-80% RH

Manufactured under license from Dolby Laboratories. "Dolby" and the double-D symbol are trademarks of Dolby Laboratories.

WARNING:

Blusens reserves the right to access the device remotely at any time to ensure quality of service.

www.blusens.com